



Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ

DELAWARE RIVER BASIN

LOCATION.--Lat 40°13'18", long 74°46'41" referenced to North American Datum of 1983, Trenton City, Mercer County, NJ, Hydrologic Unit 02040105, on left bank 450 ft upstream from Calhoun Street Bridge at Trenton, 0.5 mi upstream from Assumpink Creek, 0.9 mi north of Morrisville, PA, and at river mile 134.5.

DRAINAGE AREA.--6,780 mi².

SURFACE-WATER RECORDS

PERIOD OF RECORD.--February 1913 to current year. October 1912 to February 1913 monthly discharge only, published in WSP 1302. Gage-height records collected in this vicinity since 1904 are contained in reports of the National Weather Service.

REVISED RECORDS.--WSP 951: Drainage area. WSP 1302: 1913-20. WSP 1382: 1924, 1928.

GAGE.--Water-stage recorder. Datum of gage is NGVD of 1929. Prior to Sep 30, 1965, at datum 7.77 ft higher. Feb 24, 1913 to Oct 2, 1928, nonrecording gage on downstream side of highway bridge at site 450 ft downstream.

REMARKS.--Records good, except for estimated daily discharges, which are fair. Diurnal fluctuations at medium and low flow caused by power plants on tributary streams. Flow regulated by Lakes Wallenpaupack (see 01431700) and Hopatcong (see 01455400), and by Pepacton (see 01416900), Cannonsville (see 01424997), Neversink (see 01435900) Reservoirs and many smaller reservoirs. Diversion from Pepacton (see 01415200), Cannonsville (see 01423900), and Neversink (see 01435800) Reservoirs. Diversion to Bradshaw (see 01459005) and Merrill Creek Reservoirs (see 01446572) and to Delaware and Raritan Canal (see 01460440). Water diverted just above station by Borough of Morrisville, PA (see 01463480), and City of Trenton (see 01463490) for municipal supply. Minor tide affect is occasionally noted at this location, but is considered negligible for normal tides. Satellite gage-height and water-quality parameter telemetry at station.

EXTREMES OUTSIDE PERIOD OF RECORD.--Flood of Oct 11, 1903 reached an elevation of about 28.5 ft above NGVD of 1929, discharge, estimated at 295,000 ft³/s. Maximum elevation known, 30.6 ft above NGVD of 1929, Mar 8, 1904 (from floodmark; due to ice jam).

PEAK DISCHARGES FOR CURRENT YEAR.--Peak discharges greater than base discharge of 50,000 ft³/s and (or) maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Feb 8	0900	51,900	14.27
Feb 14	0345	61,900	15.08
Feb 20	0215	60,400	14.96
Mar 6	1930	102,000	17.90
Mar 10	0515	*108,000	*18.28
Mar 21	1515	60,100	14.94

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DISCHARGE, CUBIC FEET PER SECOND
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES
[*e*, estimated]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	3,540	14,500	18,300	28,100	12,800	19,100	18,900	12,000	7,170	4,120	5,830	3,550
2	3,800	12,300	16,000	26,300	21,300	17,800	23,600	10,700	6,730	4,000	5,250	3,530
3	3,370	10,900	15,100	23,600	18,500	16,300	27,800	9,670	6,290	4,360	5,570	3,220
4	3,120	9,560	15,200	19,900	16,800	16,300	27,600	9,480	7,250	4,350	5,360	3,130
5	3,040	8,120	15,400	17,800	15,700	41,200	27,100	9,720	8,720	4,410	4,690	3,090
6	3,010	7,440	14,100	17,200	16,300	93,200	30,500	10,000	7,630	4,310	4,590	3,610
7	3,020	7,420	12,700	17,400	25,100	81,000	28,700	9,890	6,990	4,360	4,810	6,620
8	3,000	7,480	11,500	17,700	48,600	73,800	25,800	9,250	6,530	4,450	4,710	5,540
9	3,080	7,530	10,600	20,300	37,800	93,200	23,600	9,470	5,850	3,910	4,610	4,400
10	3,490	7,070	11,400	25,200	30,900	100,000	21,500	11,900	5,370	3,980	4,370	4,550
11	4,780	6,740	11,800	31,600	26,600	72,800	19,700	12,100	6,080	3,810	4,350	5,330
12	7,550	6,380	12,000	30,700	21,700	55,700	19,600	11,200	6,870	3,680	4,320	5,160
13	9,740	6,210	12,700	35,200	36,400	45,300	19,200	10,800	6,050	3,510	4,560	5,290
14	10,700	6,290	18,000	28,800	58,700	37,400	17,900	9,400	5,780	3,780	4,900	5,120
15	8,310	7,240	17,600	25,100	50,300	32,800	16,700	8,490	5,820	4,390	4,940	4,600
16	6,690	e15,400	17,100	22,300	39,500	32,500	16,400	8,770	5,660	4,790	4,730	4,040
17	5,390	e27,000	16,200	19,900	32,400	31,700	15,000	12,300	5,190	5,340	4,650	3,600
18	4,610	e20,400	13,900	19,500	35,500	29,100	14,000	14,000	5,450	4,820	4,690	3,600
19	4,150	16,800	13,400	18,800	55,000	27,500	13,000	15,200	5,590	4,300	4,340	3,410
20	4,890	15,000	12,700	17,100	56,000	38,900	11,400	13,500	5,470	3,860	3,810	3,160
21	5,860	15,300	13,000	15,300	44,500	55,200	9,960	14,800	5,400	4,480	3,680	3,060
22	6,620	16,800	13,200	13,500	36,900	48,000	9,220	13,300	5,250	4,060	3,590	3,030
23	7,130	16,600	13,300	12,900	32,300	38,000	8,920	12,000	5,170	4,020	3,600	3,040
24	6,130	14,700	28,800	13,200	27,100	32,100	8,750	10,900	4,970	6,160	3,460	3,250
25	5,540	13,000	41,700	12,600	24,700	27,900	8,980	10,000	5,280	18,300	3,380	3,220
26	6,000	13,100	33,500	11,800	22,700	24,400	8,990	8,600	5,050	20,800	3,400	3,400
27	16,300	19,800	30,100	11,500	26,800	22,200	8,540	7,800	4,980	14,200	3,340	4,090
28	23,000	26,700	27,000	11,100	25,200	20,800	8,270	7,600	4,690	10,500	3,270	5,050
29	28,800	27,100	27,600	10,700	21,500	20,400	12,200	7,720	4,470	8,580	3,230	11,700
30	22,100	22,000	27,400	10,800	---	22,000	13,300	7,160	4,310	8,610	3,340	9,060
31	17,200	---	30,600	11,000	---	19,600	---	6,730	---	7,230	3,330	---
Total	243,960	404,880	571,900	596,900	917,600	1,286,200	515,130	324,450	176,060	191,470	132,700	133,450
Mean	7,870	13,500	18,450	19,250	31,640	41,490	17,170	10,470	5,869	6,176	4,281	4,448
Max	28,800	27,100	41,700	35,200	58,700	100,000	30,500	15,200	8,720	20,800	5,830	11,700
Min	3,000	6,210	10,600	10,700	12,800	16,300	8,270	6,730	4,310	3,510	3,230	3,030

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1913 - 2008, BY WATER YEAR (WY)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
Mean	7,362	10,760	13,090	12,920	12,920	20,630	22,270	13,980	9,462	7,101	6,001	6,196
Max	28,710	27,340	42,860	34,950	31,640	60,840	52,680	31,690	33,460	25,720	30,290	32,570
(WY)	(1956)	(1928)	(1997)	(1979)	(2008)	(1936)	(1940)	(1989)	(1972)	(1928)	(1955)	(2004)
Min	1,632	1,868	2,037	2,539	3,500	7,715	6,828	5,074	2,572	1,548	1,808	1,762
(WY)	(1942)	(1915)	(1923)	(1981)	(1920)	(1981)	(1985)	(1995)	(1965)	(1965)	(1965)	(1932)

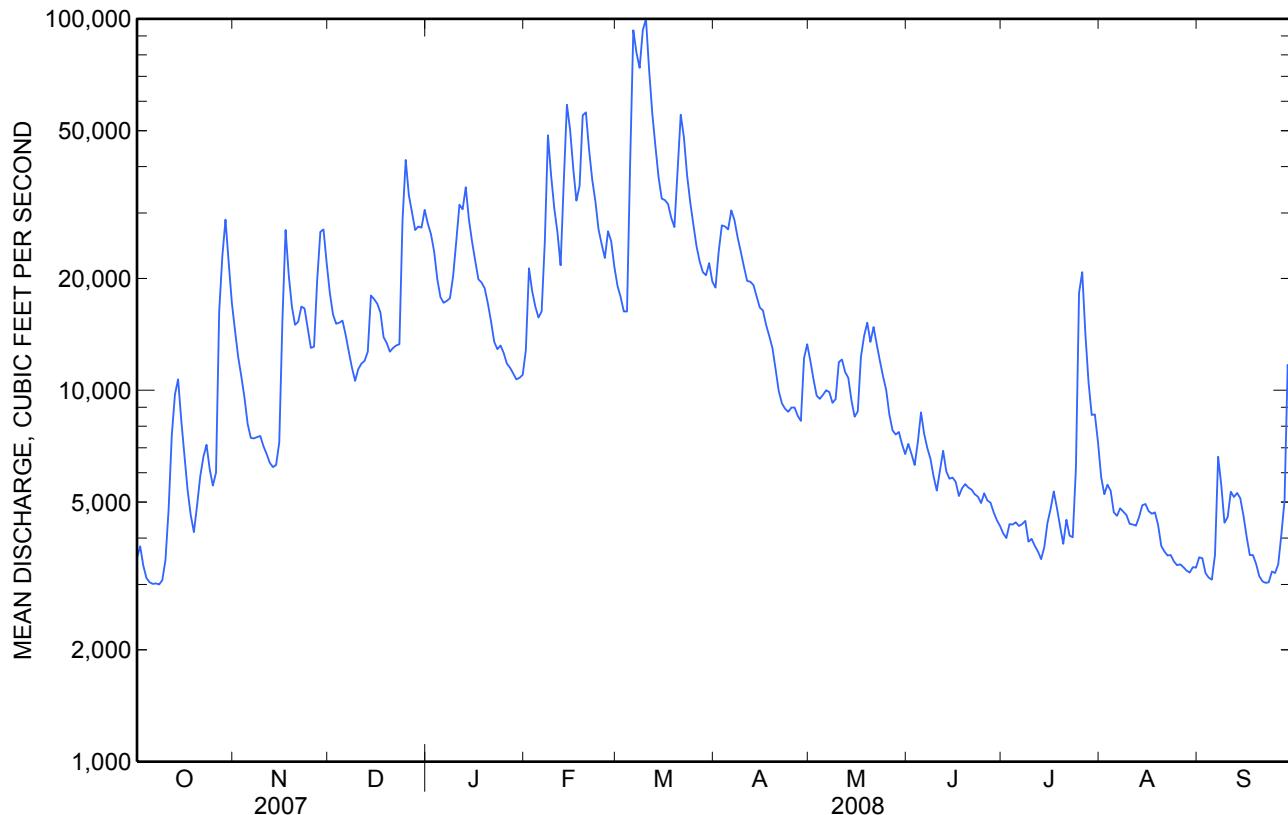
Water-Data Report 2008
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SUMMARY STATISTICS

	Calendar Year 2007	Water Year 2008		Water Years 1913 - 2008	
Annual total	4,731,190		5,494,700		
Annual mean	12,960		15,010		11,880
Highest annual mean				19,810	1928
Lowest annual mean				4,708	1965
Highest daily mean	111,000	Apr 17	100,000	Mar 10	279,000 Aug 20, 1955
Lowest daily mean	3,000	Oct 8	3,000	Oct 8	1,240 Oct 31, 1914
Annual seven-day minimum	3,090	Oct 3	3,090	Oct 3	1,310 Oct 31, 1914
Maximum peak flow			108,000	Mar 10	^a 329,000 Aug 20, 1955
Maximum peak stage			18.28	Mar 10	^b 28.60 Aug 20, 1955
Instantaneous low flow			2,950	Many days	1,180 Oct 31, 1963
10 percent exceeds	27,500		30,800		24,800
50 percent exceeds	7,950		10,700		8,070
90 percent exceeds	4,060		3,660		3,070

^a From rating curve extended above 230,000 ft³/s, maximum flow since 1692.

^b From high-water mark in gage house, current datum.



01463500 DELAWARE RIVER AT TRENTON, NJ—Continued**WATER-QUALITY RECORDS**

PERIOD OF RECORD.--Water years 1945 to current year.

PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: October 1962 to current year. Recorded as once daily during 1979.

DISSOLVED OXYGEN PERCENT OF SATURATION: October 2001 to current year.

pH: June 1968 to current year. Recorded as once daily during 1979.

SPECIFIC CONDUCTANCE: October 1963 to current year. Recorded as once daily during years 1964 to 1968, 1979.

SUSPENDED SEDIMENT DISCHARGE: September 1949 to September 1981.

WATER TEMPERATURE: October 1944 to current year. Recorded as once daily during years 1945 to 1953, 1962, 1964, 1979.

TURBIDITY: November 2000 to current year.

INSTRUMENTATION.--

TEMPERATURE MONITOR (in-situ system, max-min recorded): October 1953 to September 1961.

TEMPERATURE / DISSOLVED-OXYGEN MONITOR (in-situ system): October 1962 to September 1965, max-min recorded (only dissolved-oxygen concentration recorded during water year 1964). October 1965 to May 1968, measurements recorded hourly.

WATER-QUALITY MONITOR (continuous pumping system, measurements recorded hourly): June 1968 to August 1975, water withdrawn from raw-water intake within Trenton Water Filtration Plant, Trenton, NJ. November 1975 to November 1978, water withdrawn from river outside Trenton Water Filtration Plant, Trenton, NJ. December 1979 to September 1986, water withdrawn from raw-water intake within Trenton Water Filtration Plant, Trenton, NJ.

WATER-QUALITY MONITOR (in-situ system, measurements recorded hourly): October 1986 to September 1995, probes located inside raw-water intake of Trenton Water Filtration Plant, Trenton, NJ. October 1995 to September 19, 2005, monitor located inside raw-water intake of Morrisville Water Filtration Plant, Morrisville, PA, 1600 feet upstream on bank opposite the gage house. YSI turbidimeter 6026, November 2000 to May 2004; YSI turbidimeter 6136, June 2004 to current year.

WATER-QUALITY MONITOR (intermittent pumping system, measurements recorded hourly): September 20, 2005 to current year, water withdrawn from raw-water intake within Morrisville Water Filtration Plant, Morrisville, PA.

REMARKS.--The accuracy of continuous water-quality data is routinely verified through inspections for fouling and calibration drift. The New Jersey Water Science Center requires that either constant or prorated adjustments be made to the continuous water-quality record when the difference between a sensor's response and a known value exceeds the following criteria: Water Temperature, 0.2 degrees Celsius (+ or -); Specific Conductance, the greater of 5 microsiemens/cm (+ or -) or 3% of the measured value; Dissolved Oxygen, the greater of 0.3 mg/L (+ or -) or 5% of the measured value; pH, 0.3 units (+or-); Turbidity, the greater of 2.0 FNU (+ or -) or 5% of the measured value. If the difference between a sensor's response and a known value is within specified criteria, the data are considered to be reliable and are not adjusted. Data from the following period(s) were adjusted -

DISSOLVED OXYGEN: Oct 16-31 and Nov 20-30. pH: Apr 26-30. SPECIFIC CONDUCTANCE: Apr 26-30. TURBIDITY: Apr 2 to May 22.

COOPERATION.--Samples were collected as part of the Delaware River Basin National Water-Quality Assessment Program (NAWQA) and National Stream Quality Accounting Network (NASQAN). Samples on Nov 7 at 1030, Mar 11 at 1100, May 8 at 1040, and Aug 27 at 1010 were collected in cooperation with the Delaware River Basin Commission. Determination of dissolved ammonia, total ammonia, dissolved orthophosphate, filtered hexavalent chromium (VI), and suspended residue at those times was performed by the NJ Department of Health and Senior Services, Environmental and Chemical Laboratory.

EXTREMES FOR PERIOD OF DAILY RECORD.--

DISSOLVED OXYGEN: Maximum, 20.0 mg/L, Feb 11, 1989; minimum, 4.0 mg/L, Nov 9, 1972, Sep 9, 1995.

DISSOLVED OXYGEN PERCENT OF SATURATION: Maximum, 172 %, Jun 14, 2005; minimum, 59 %, Aug 9, 2005.

pH: Maximum, 10.3 standard units, Aug 9, 10, 1983; minimum, 5.3 standard units, Jun 22, 1972.

SPECIFIC CONDUCTANCE: Maximum, 468 microsiemens/cm, Jan 11, 1999; minimum, 63 microsiemens/cm, Jul 7, 1984.

WATER TEMPERATURE: Maximum, 34.0°C, Jun 18, 1957; minimum, -0.6°C, on many days during winter months in water years 1954-57.

TURBIDITY: Maximum, 880 FNU, Jun 28, 29, 2006; minimum, <0.5 FNU, on many days throughout the period of record.

EXTREMES FOR CURRENT YEAR.--

DISSOLVED OXYGEN: Maximum, 14.6 mg/L, Jan 5, 26; minimum, 5.7 mg/L, Jul 24.

DISSOLVED OXYGEN PERCENT OF SATURATION: Maximum, 164 %, Jun 14; minimum, 71 %, Jul 24.

pH: Maximum, 9.4 standard units, on several days; minimum, 6.6 standard units, Nov 18-20.

SPECIFIC CONDUCTANCE: Maximum, 280 microsiemens/cm, Feb 14; minimum, 105 microsiemens/cm, Mar 10, Jul 27.

WATER TEMPERATURE: Maximum, 30.5°C, Jul 20; minimum, 0.0°C, Jan 5.

TURBIDITY: Maximum, 290 FNU, Jul 27; minimum, <0.5 FNU, on many days.

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Time	Sample medium and type	Instan- taneous dis- charge, ft ³ /s (00061)	Turbdty white light, det ang 90+/-30 corrctd NTRU (63676)	UV absorb- ance, 254 nm, wat flt units (50624)	UV absorb- ance, 280 nm, wat flt units (61726)	Baro- metric pres- sure, mm Hg (00025)	Dis- solved oxygen, mg/L (00300)	Dis- solved oxygen, percent of sat- uration (00301)
Oct									
25...	1050	Surface water, regular	5,440	2.6	--	--	772	9.4	95
Nov									
07...	1020	Surface water, regular	7,390	1.8	--	--	767	11.9	103
07...	1030	Surface water, regular	7,390	1.8	.089	.067	767	11.9	103
Dec									
19...	1050	Surface water, regular	13,800	1.6	--	--	763	13.5	95
Jan									
16...	1020	Surface water, regular	22,400	3.7	--	--	762	12.7	95
Feb									
26...	0930	<i>QC - Artificial, field blank</i>	--	--	--	--	--	--	--
26...	1020	Surface water, regular	22,800	2.7	--	--	752	12.9	96
Mar									
11...	1050	Surface water, regular	73,600	27	--	--	760	15.1	112
11...	1100	Surface water, regular	73,600	27	.072	.054	752	15.1	113
Apr									
17...	0930	<i>QC - Artificial, field blank</i>	--	--	--	--	--	--	--
17...	1025	Surface water, regular	15,100	1.3	--	--	763	12.9	119
24...	1020	Surface water, regular	8,770	<2.0	.049	.037	764	12.3	129
24...	1030	<i>QC - Surface water, split replicate</i>	--	--	--	--	--	--	--
May									
08...	1030	Surface water, regular	9,310	2.5	--	--	750	9.5	100
08...	1040	Surface water, regular	9,310	2.5	.063	.048	750	9.5	100
22...	0900	Surface water, replicate	13,800	3.1	.088	.067	750	10.7	104
22...	0901	<i>QC - Surface water, split replicate</i>	--	--	--	--	--	--	--
Jun									
18...	1100	Surface water, regular	5,440	3.3	.060	.045	753	10.3	124
25...	1030	Surface water, replicate	5,400	4.3	.056	.042	760	9.4	113
25...	1031	<i>QC - Surface water, split replicate</i>	--	--	--	--	--	--	--
Jul									
09...	1020	Surface water, regular	3,940	E1.7	.053	.041	759	8.7	108
16...	0930	<i>QC - Artificial, field blank</i>	--	--	--	--	--	--	--
16...	1030	Surface water, regular	4,300	E1.7	.057	.044	768	9.1	113
Aug									
15...	0850	<i>QC - Artificial, field blank</i>	--	--	<.018	<.016	--	--	--
15...	0930	Surface water, regular	4,870	2.9	.056	.041	762	8.5	100
27...	1000	Surface water, regular	3,310	1.3	--	--	765	9.1	106
27...	1010	Surface water, regular	3,310	1.3	.050	.037	765	9.1	106
Sep									
23...	1100	Surface water, regular	3,070	E1.1	.046	.034	775	10.4	114

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	pH, water, unfiltrd field, std units (00400)	Specif- ic conduc- tance, wat unf μS/cm (00095)	Temper- ature, wat unf deg C (25 degC)	Temper- ature, air, deg C (00020)	Hard- ness, water, mg/L as CaCO3 (00900)	Calcium water, filtrd, mg/L (00900)	Magnes- ium, water, filtrd, mg/L (00915)	Potas- sium, water, filtrd, mg/L (00925)	Sodium, water, filtrd, mg/L (00935)	ANC, wat unf fixed end pt, mg/L as CaCO3 (90410)	Alka- linity, wat flt fxf end lab, mg/L as CaCO3 (29801)	Alka- linity, wat flt inf tit field, mg/L as CaCO3 (39086)	Bicar- bonate, wat flt infl pt titr., field, mg/L (00453)
Oct													
25...	7.5	185	13.5	16.5	--	--	--	--	--	--	--	45	
Nov													
07...	7.8	185	10.0	9.2	--	--	--	--	--	--	--	41	
07...	7.8	185	10.0	9.2	63	15.9	5.56	1.26	10.1	46	--	--	
Dec													
19...	7.2	209	--	1.0	--	--	--	--	--	--	--	36	
Jan													
16...	6.9	131	3.0	3.3	--	--	--	--	--	--	--	22	
Feb													
26...	--	--	--	--	--	--	--	--	--	--	--	--	
26...	7.7	169	-6.0	2.6	--	--	--	--	--	--	--	29	
Mar													
11...	7.4	113	7.0	2.8	--	--	--	--	--	--	--	17	
11...	7.4	113	7.0	2.8	32	8.71	2.48	.79	8.21	20	--	--	
Apr													
17...	--	--	--	--	--	--	--	--	--	--	--	--	
17...	8.7	153	17.0	11.5	--	--	--	--	--	--	--	37	
24...	9.3	211	23.0	17.6	68	17.2	6.02	1.24	11.3	--	53	49	
24...	--	--	--	--	--	--	--	--	--	--	--	--	
May													
08...	7.7	200	24.0	17.4	--	--	--	--	--	--	--	33	
08...	7.7	200	24.0	17.4	58	14.8	5.08	1.10	10.4	47	--	--	
22...	7.6	184	15.0	13.0	59	15.3	4.99	1.15	10.9	--	42	37	
22...	--	--	--	--	--	--	--	--	--	--	--	--	
Jun													
18...	8.8	241	25.0	23.9	81	20.6	7.24	1.61	13.0	63	63	61	
25...	8.4	233	26.5	24.5	78	19.7	7.09	1.53	13.3	--	60	58	
25...	--	--	--	--	--	--	--	--	--	--	--	--	
Jul													
09...	8.5	256	29.5	26.2	81	20.3	7.41	1.66	12.8	66	65	58	
16...	--	--	--	--	--	<.04	<.020	<.006	<.12	--	--	--	
16...	8.6	267	30.5	26.9	85	21.0	7.88	1.99	14.5	68	68	62	
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	
15...	8.0	218	23.0	23.5	70	17.6	6.17	1.49	12.8	54	54	49	
27...	8.5	233	25.0	23.2	--	--	--	--	--	--	--	58	
27...	8.5	233	25.0	23.2	74	18.1	6.90	1.54	12.6	60	--	--	
Sep													
23...	8.3	265	20.0	20.4	89	22.3	8.08	1.87	16.0	66	67	70	
												85	

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 3 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Carbon- ate, wat flt infl pt titr., field, mg/L (00452)	Chlor- ide, water, fltrd, mg/L (00940)	Fluor- ide, water, fltrd, mg/L (00950)	Silica, water, fltrd, mg/L as SiO ₂ (00955)	Sulfate water, fltrd, mg/L (00945)	Residue water, filtrd, sum of constitu- ents mg/L (70301)	Residue on evap. at 180degC wat flt mg/L (70300)	Residue total non- filter- able, mg/L (00530)	Ammonia + org-N, water, filtrd, mg/L as N (00623)	Ammonia + org-N, water, unfiltrd, mg/L as N (00625)	Ammonia Ammonia water, filtrd, mg/L as N (00608)	Ammonia Ammonia water, unfiltrd, mg/L as N (00610)	Nitrate + nitrite water fltrd, mg/L (00631)
Oct													
25...	.0	17.5	--	--	16.6	--	--	--	--	--	E.018	--	.68
Nov													
07...	.0	16.1	--	--	17.1	--	--	--	--	--	<.020	--	.94
07...	--	16.2	E.06	4.9	17.5	E103	108	2	.20	--	.015	.016	.94
Dec													
19...	.0	26.6	--	--	13.8	--	--	--	--	--	.021	--	.90
Jan													
16...	.0	15.3	--	--	10.3	--	--	--	--	--	.022	--	.61
Feb													
26...	--	<.12	--	--	<.18	--	--	--	--	--	<.020	--	<.04
26...	.0	19.9	--	--	11.5	--	--	--	--	--	E.014	--	.78
Mar													
11...	.0	14.2	--	--	8.46	--	--	--	--	--	E.018	--	.59
11...	--	14.3	E.06	3.7	8.46	E61	67	45	E.14	--	--	.085	.59
Apr													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	.0	16.4	--	--	12.2	--	--	--	--	--	<.020	--	.56
24...	3	19.3	<.12	.57	17.6	E105	109	--	.19	.26	<.020	--	.64
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	.0	28.6	--	--	14.4	--	--	--	--	--	E.014	--	.77
08...	--	28.7	<.12	2.5	14.5	109	127	7	.23	--	.026	.028	.77
22...	.0	17.8	E.08	4.09	13.3	E94	118	--	.18	.25	E.011	--	.81
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
18...	.0	21.3	E.07	3.46	19.6	E127	129	--	.17	.44	<.020	--	.76
25...	.0	21.4	<.12	2.83	19.2	124	131	--	--	--	<.020	--	.87
25...	--	21.4	--	--	19.1	--	--	--	--	--	<.020	--	.87
Jul													
09...	.0	22.6	E.08	2.19	20.1	E126	138	--	--	--	<.020	--	.85
16...	--	.02	<.01	<.02	<.01	--	--	--	--	--	E.015	--	<.016
16...	1	23.3	E.07	2.25	21.3	E134	160	--	.27	.27	<.020	--	.92
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	.0	20.1	E.09	2.00	17.6	E111	122	--	.24	.26	<.020	--	.75
27...	.0	21.0	--	--	18.3	--	--	--	--	--	E.012	--	.68
27...	--	21.0	E.06	1.2	18.3	E119	126	4	.22	--	.022	.022	.68
Sep													
23...	.0	24.3	E.07	2.17	20.6	E143	148	--	--	--	E.014	--	1.07

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 4 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Nitrate water, filtrd, mg/L as N (00618)	Nitrite water, filtrd, mg/L as N (00613)	Partic- ulate nitro- gen, susp, water, mg/L (49570)	Total nitro- gen, water, filtrd, mg/L (00602)	Total nitro- gen, water, unfiltrd mg/L (00600)	Ortho- phos- phate, water, filtrd, mg/L as P (00671)	Phos- phorus, water, filtrd, mg/L as P (00666)	Phos- phorus, water, unfiltrd mg/L as P (00665)	Total carbon, suspnd sedimnt total, mg/L (00694)	Inor- ganic carbon, suspnd sedimnt total, mg/L (00688)	Organic carbon, suspnd sedimnt total, mg/L (00689)	Organic carbon, water, filtrd, mg/L (00681)	Organic carbon, water, unfiltrd mg/L (00680)
Oct													
25...	.68	.004	--	--	--	.033	--	.058	--	--	--	--	--
Nov													
07...	.94	.005	--	--	--	.032	--	.046	--	--	--	--	--
07...	--	--	E.03	1.1	E1.2	.034	.038	.04	.2	<.04	.21	2.6	--
Dec													
19...	.89	.005	--	--	--	.017	--	.030	--	--	--	--	--
Jan													
16...	.61	.005	--	--	--	.011	--	.027	--	--	--	--	--
Feb													
26...	--	<.002	--	--	--	<.006	--	<.008	--	--	--	--	--
26...	.77	.004	--	--	--	.010	--	.023	--	--	--	--	--
Mar													
11...	.59	.002	--	--	--	.009	--	.064	--	--	--	--	--
11...	--	--	.17	E.73	E.90	E.009	.012	.063	1.9	.8	1.03	2.1	--
Apr													
17...	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	.56	.005	--	--	--	E.006	--	.024	--	--	--	--	--
24...	.63	.011	.10	.83	.93	E.006	<.04	E.03	.9	<.04	.89	1.9	--
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	.76	.011	--	--	--	.023	--	.058	--	--	--	--	--
08...	--	--	.13	1.0	1.1	.027	.032	.056	1.2	<.04	1.23	2.1	--
22...	.80	.008	.07	1.0	1.1	.032	E.03	.06	.6	<.04	.59	2.7	--
22...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun													
18...	.75	.008	.22	.93	1.1	.016	.021	.070	1.1	<.04	1.14	2.4	4.5
25...	.86	.007	.15	--	1.2	.029	.041	.065	1.0	<.04	1.00	2.1	3.2
25...	.86	.007	--	--	--	.034	--	.065	--	--	--	--	--
Jul													
09...	.84	.008	.09	--	1.1	.035	.044	.056	.6	<.04	.57	2.1	3.4
16...	--	<.002	--	--	--	<.006	--	--	--	--	--	--	--
16...	.91	.010	.11	1.2	1.3	.048	.060	.08	.7	<.04	.75	2.5	3.1
Aug													
15...	--	--	<.04	--	--	--	--	--	<.1	<.04	<.12	<.4	--
15...	.74	.007	.05	.99	1.0	.040	.052	.062	.5	<.04	.45	2.1	2.7
27...	.67	.007	--	--	--	.038	--	.058	--	--	--	--	--
27...	--	--	E.04	.90	E.93	.042	.051	.057	.3	<.04	.31	2.1	--
Sep													
23...	1.06	.007	.06	--	1.4	.069	.083	.090	.3	<.04	.32	2.0	2.6

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Arsenic		Barium		Beryllium		Boron		Cadmium		Chromium		Copper		Iron, water, fltrd, (01046)
	water, fltrd, (01000)	water, unfltrd (01002)	water, recover -able, (01007)	water, unfltrd (01007)	water, recover -able, (01012)	water, unfltrd (01020)	water, recover -able, (01022)	water, unfltrd (01022)	water, unfltrd (01027)	water, unfltrd (01027)	water, fltrd, (01032)	water, fltrd, (01030)	water, recover -able, (01034)	water, fltrd, (01040)	water, recover -able, (01042)
Oct															
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov															
07...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
07...	--	E.35	24.1	<.04	13	14	.01	E3	.14	<.40	1.1	E.91	--	--	
Dec															
19...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan															
16...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Feb															
26...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar															
11...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
11...	--	.81	31.4	.10	7.3	E6	.12	E3	E.11	1.3	E.73	2.5	--	--	
Apr															
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
24...	.31	--	--	--	12	--	--	--	--	--	--	--	--	--	27
24...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
May															
08...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
08...	--	E.39	27.4	<.04	13	12	.03	E2	.14	E.33	1.5	E.96	--	--	
22...	.33	--	--	--	11	--	--	--	--	--	--	--	--	--	43
22...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jun															
18...	.54	--	--	--	16	--	--	--	--	--	--	--	--	--	12
25...	.47	--	--	--	14	--	--	--	--	--	--	--	--	--	21
25...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul															
09...	.48	--	--	--	16	--	--	--	--	--	--	--	--	--	16
16...	<.06	--	--	--	<6	--	--	--	--	--	--	--	--	--	<8
16...	.54	--	--	--	20	--	--	--	--	--	--	--	--	--	17
Aug															
15...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	.53	--	--	--	13	--	--	--	--	--	--	--	--	--	27
27...	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
27...	--	E.55	25.4	<.04	15	15	.02	<2	.16	E.26	1.5	E.1.1	--	--	
Sep															
23...	.54	--	--	--	16	--	--	--	--	--	--	--	--	--	586

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WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Mangan-											
	Iron, water, unfltrd recover -able, μg/L (01045)	Lead, water, unfltrd recover -able, μg/L (01049)	Lead, water, unfltrd recover -able, μg/L (01051)	Lithium water, fltrd, μg/L (01130)	ese, water, unfltrd recover -able, μg/L (01055)	Mercury water, fltrd, μg/L (71890)	Mercury water, unfltrd recover -able, μg/L (71900)	Nickel, water, fltrd, μg/L (01065)	Nickel, water, unfltrd recover -able, μg/L (01067)	Selen- ium, water, fltrd, μg/L (01145)	Selen- ium, water, unfltrd recover -able, μg/L (01147)	Silver, water, unfltrd recover -able, μg/L (01077)
Oct												
25...	--	--	--	--	--	--	--	--	--	--	--	--
Nov												
07...	--	--	--	--	--	--	--	--	--	--	--	--
07...	140	.08	.17	--	15.1	<.010	<.010	.74	.74	--	.15	<.02
Dec												
19...	--	--	--	--	--	--	--	--	--	--	--	--
Jan												
16...	--	--	--	--	--	--	--	--	--	--	--	--
Feb												
26...	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--
Mar												
11...	--	--	--	--	--	--	--	--	--	--	--	--
11...	1,390	.12	2.64	--	131	<.010	E.006	.74	2.5	--	.12	<.02
Apr												
17...	--	--	--	--	--	--	--	--	--	--	--	--
17...	--	--	--	--	--	--	--	--	--	--	--	--
24...	--	--	--	1.4	--	--	--	--	--	.17	--	70.4
24...	--	--	--	--	--	--	--	--	--	--	--	--
May												
08...	--	--	--	--	--	--	--	--	--	--	--	--
08...	120	.26	.32	--	34.4	<.010	<.010	.83	.77	--	.18	<.02
22...	--	--	--	1.2	--	--	--	--	--	.17	--	56.1
22...	--	--	--	--	--	--	--	--	--	--	--	--
Jun												
18...	--	--	--	1.8	--	--	--	--	--	.25	--	76.3
25...	--	--	--	1.7	--	--	--	--	--	.23	--	89.7
25...	--	--	--	--	--	--	--	--	--	--	--	--
Jul												
09...	--	--	--	1.7	--	--	--	--	--	.22	--	80.7
16...	--	--	--	<1.0	--	--	--	--	--	<.04	--	<.80
16...	--	--	--	2.0	--	--	--	--	--	.26	--	84.6
Aug												
15...	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	--	--	1.4	--	--	--	--	--	.20	--	74.9
27...	--	--	--	--	--	--	--	--	--	--	--	--
27...	46	.11	.18	--	16.2	<.010	<.010	.71	.54	--	.21	<.02
Sep												
23...	--	--	--	1.7	--	--	--	--	--	.27	--	88.9

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Vana-dium, water, filtrd, µg/L (01085)	Zinc, water, unfltrd, µg/L (01090)	Zinc, water, recover-able, µg/L (01092)	1-Naph-thol, water, filtrd, 0.7u GF	2,6-Di-ethyl-aniline, water, filtrd, 0.7u GF	2Chloro-anilide, water, wat filt	CIAT, water, filtrd, (61618)	2-Ethyl-6-methyl-aniline, water, filtrd, (04040)	3,4-Di-chloro-aniline, water, filtrd, (61620)	3,5-Di-chloro-aniline, water, filtrd, (61625)	4-Chloro-2methyl-phenol, water, filtrd, (61627)	Aceto-chlor, water, filtrd, (49260)	Ala-chlor, water, filtrd, µg/L (46342)
Oct 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 07...	--	--	--	<.04	<.006	<.010	E.014	<.010	<.006	<.008	<.005	<.006	<.006
07...	--	4.4	5.3	--	--	--	--	--	--	--	--	--	--
Dec 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 16...	--	--	--	<.04	<.006	<.010	E.009	<.010	<.006	<.008	<.005	<.006	<.006
Feb 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 11...	--	--	--	<.04	<.006	<.010	E.010	<.010	<.006	<.008	<.005	<.006	<.006
11...	--	8.6	24.8	--	--	--	--	--	--	--	--	--	--
Apr 17...	--	--	--	<.04	<.006	<.010	<.014	<.010	<.006	<.008	<.005	<.006	<.006
17...	--	--	--	<.04	<.006	<.010	E.014	<.010	<.006	<.008	<.005	<.006	<.006
24...	.20	--	--	<.04	<.006	<.010	E.024	<.010	<.006	<.008	<.005	<.006	<.006
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 08...	--	--	--	<.04	<.006	<.010	E.017	<.010	<.006	<.008	<.005	.009	<.006
08...	--	10.4	6.8	--	--	--	--	--	--	--	--	--	--
22...	.23	--	--	<.04	<.006	<.010	E.018	<.010	<.006	<.008	<.005	.013	<.006
22...	--	--	--	<.04	<.006	<.010	E.021	<.010	E.005	<.008	<.005	.013	E.005
Jun 18...	.36	--	--	<.04	<.006	<.010	E.027	<.010	E.006	<.008	<.005	E.007	<.006
25...	.29	--	--	<.04	<.006	<.010	E.024	<.010	E.005	<.008	<.005	E.008	<.006
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 09...	.29	--	--	<.04	<.006	<.010	E.014	<.010	<.007	<.008	<.005	<.006	<.006
16...	<.04	--	--	--	--	--	--	--	--	--	--	--	--
16...	.32	--	--	<.04	<.006	<.010	E.029	<.010	E.008	<.008	<.005	<.006	<.006
Aug 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	.28	--	--	<.04	<.006	<.010	E.018	<.010	E.005	<.008	<.005	<.006	<.006
27...	--	--	--	<.04	<.006	<.010	E.022	<.010	<.006	<.008	<.005	<.006	<.006
27...	--	3.9	3.0	--	--	--	--	--	--	--	--	--	--
Sep 23...	.28	--	--	<.04	<.006	<.010	E.021	<.010	E.004	<.008	<.005	<.006	<.006

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

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[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Aldrin, water, unfltrd µg/L (39330)	alpha- Endo- sulfan, water, fltrd, µg/L (34362)	alpha- Endo- sulfan, water, unfltrd µg/L (39388)	Atra- zine, water, fltrd, µg/L (39632)	Azin- phos- methyl oxon, water, fltrd µg/L (61635)	Azin- phos- methyl, water, fltrd 0.7u GF µg/L (82686)	Ben- flur- alin, water, fltrd 0.7u GF µg/L (82673)	Car- baryl, water, fltrd 0.7u GF µg/L (82680)	Carbo- furan, water, fltrd 0.7u GF µg/L (82674)	Chlor- dane, technical, water, unfltrd µg/L (39350)	Chlor- pyrifos, water, fltrd, µg/L (61636)	Chlor- pyrifos water, fltrd, µg/L (38933)	cis- Per- methrin water fltrd 0.7u GF µg/L (82687)
Oct													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov													
07...	--	<.006	--	.014	<.06	<.120	<.004	<.060	<.020	--	<.06	<.005	<.010
07...	<.002	--	<.002	--	--	--	--	--	--	<.1	--	--	--
Dec													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan													
16...	--	<.006	--	E.008	<.04	<.120	<.004	<.060	<.020	--	<.06	<.005	<.010
Feb													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
11...	--	<.006	--	.009	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
17...	--	<.006	--	<.007	<.06	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
17...	--	<.006	--	.009	<.06	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
24...	--	<.006	--	.012	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	--	<.006	--	.012	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
08...	<.002	--	<.002	--	--	--	--	--	--	<.1	--	--	--
22...	--	<.006	--	.059	<.04	<.120	<.010	E.007	<.020	--	<.06	<.005	<.010
22...	--	<.006	--	.059	<.04	<.120	<.010	E.007	<.020	--	<.06	<.005	<.010
Jun													
18...	--	<.006	--	.031	<.06	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
25...	--	<.006	--	.031	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
09...	--	<.006	--	.021	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	--	<.006	--	.018	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	--	<.006	--	.012	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
27...	--	<.006	--	.013	<.04	<.120	<.010	<.060	<.020	--	<.06	<.005	<.010
27...	<.002	--	<.002	--	--	--	--	--	--	<.1	--	--	--
Sep													
23...	--	<.006	--	.014	<.04	<.120	<.010	E.008	<.020	--	<.06	<.005	<.010

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 9 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	cis-Propiconazole, water, filtrd, µg/L (79846)	Cyana-zine, water, filtrd, µg/L (04041)	Cyfluthrin, water, filtrd, µg/L (61585)	lambda-Cyhalothrin, water, filtrd, µg/L (61595)	Cypermethrin, water, filtrd, µg/L (61586)	DCPA, water, filtrd, 0.7u GF (82682)	Desulf-inyl-fipronil, water, filtrd, µg/L (62170)	Diazinon, water, filtrd, µg/L (39572)	Dicrotophos, water, filtrd, µg/L (38454)	Dieldrin, water, filtrd, µg/L (39381)	Dieldrin, water, unfltrd, µg/L (39380)	Dimethoate, water, filtrd, 0.7u GF (82662)	Disulfoton sulfone water, filtrd, µg/L (61640)
Oct 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 07...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
07...	--	--	--	--	--	--	--	--	--	--	<.002	--	--
Dec 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 16...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
Feb 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 11...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr 17...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
17...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
24...	<.006	<.020	<.016	<.004	<.014	<.003	E.007	<.005	<.08	<.009	--	<.006	<.01
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 08...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
08...	--	--	--	--	--	--	--	--	--	--	<.002	--	--
22...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
22...	<.006	<.020	<.016	<.004	<.014	<.003	<.012	<.005	<.08	<.009	--	<.006	<.01
Jun 18...	<.006	<.020	<.016	<.004	<.014	<.003	E.006	<.005	<.08	<.009	--	<.006	<.01
25...	<.006	<.020	<.016	<.004	<.014	E.002	E.004	<.005	<.08	<.009	--	<.006	<.01
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 09...	<.006	<.020	<.016	<.004	<.014	<.003	E.004	<.005	<.08	<.009	--	<.007	<.01
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.006	<.020	<.016	<.004	<.014	E.005	E.004	<.005	<.08	<.009	--	<.006	<.01
Aug 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.006	<.020	<.016	<.004	<.014	E.002	E.003	<.005	<.08	<.009	--	<.008	<.01
27...	<.006	<.020	<.016	<.004	<.014	<.003	E.004	<.005	<.08	<.009	--	<.006	<.01
27...	--	--	--	--	--	--	--	--	--	--	<.002	--	--
Sep 23...	<.006	<.020	<.016	<.004	<.014	<.003	E.005	<.005	<.08	<.009	--	<.006	<.01

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 10 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Disulfoton, water, filtrd 0.7u GF	Endosulfan sulfate water, filtrd	Endrin, water, unfiltrd	EPTC, water, filtrd 0.7u GF	Ethion monoxon water, filtrd	Ethion, water, filtrd 0.7u GF	Etho- prop, water, filtrd 0.7u GF	Fenami- phos sulfone water, filtrd 0.7u GF	Fenami- phos sulf- oxide, water, filtrd 0.7u GF	Fenami- phos water, filtrd 0.7u GF	Desulf- inyl- fipro- nil water, filtrd (62169)	Fipro- nil sulfide water, filtrd (62167)	Fipro- nil sulfone water, filtrd (62168)
Oct 25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov 07...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.06	<.03	<.029	<.013	<.024
07...	--	--	<.002	--	--	--	--	--	--	--	--	--	--
Dec 19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan 16...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.04	<.03	<.029	<.013	<.024
Feb 26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar 11...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr 17...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.060	<.20	<.03	<.029	<.013	<.024
17...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.060	<.20	<.03	<.029	<.013	<.024
24...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May 08...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
08...	--	--	<.002	--	--	--	--	--	--	--	--	--	--
22...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
22...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
Jun 18...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
25...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul 09...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
Aug 15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
27...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024
27...	--	--	<.002	--	--	--	--	--	--	--	--	--	--
Sep 23...	<.04	<.022	--	<.002	<.02	<.006	<.012	<.053	<.20	<.03	<.029	<.013	<.024

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 11 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Fipro-nil, water, filtrd, µg/L (62166)	Fonofos water, filtrd, µg/L (04095)	Hepta-chlor epoxide water, unfiltrd µg/L (39420)	Hepta-chlor, water, unfiltrd µg/L (39410)	Hexa-zinone, water, filtrd, µg/L (04025)	Ipro-dione, water, filtrd, µg/L (61593)	Isofen-phos, water, filtrd, µg/L (61594)	Lindane water, unfiltrd µg/L (39340)	Mala-oxon, water, filtrd, µg/L (61652)	Mala-thion, water, filtrd, µg/L (39532)	Meta-laxyl, water, filtrd, µg/L (61596)	Methid-athion, water, filtrd, µg/L (61598)	Methyl para-oxon, water, filtrd, µg/L (61664)
Oct													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov													
07...	E.008	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
07...	--	--	<.002	<.002	--	--	--	<.0014	--	--	--	--	--
Dec													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan													
16...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
Feb													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
11...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
17...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
17...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
24...	E.008	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	E.012	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
08...	--	--	<.002	<.002	--	--	--	<.0014	--	--	--	--	--
22...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
22...	E.004	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
Jun													
18...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
25...	E.005	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
09...	E.006	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	E.004	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	E.005	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
27...	E.005	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01
27...	--	--	<.002	<.002	--	--	--	<.0014	--	--	--	--	--
Sep													
23...	<.020	<.010	--	--	<.008	<.01	<.006	--	<.020	<.016	<.007	<.004	<.01

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 12 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Methyl para-thion, water, filtrd 0.7u GF	Metola-chlor, water, filtrd 0.7u GF	Metribuzin, water, filtrd 0.7u GF	Mirex, water, unfltrd 0.7u GF	Moli-nate, water, filtrd 0.7u GF	Myclo-butanil, water, filtrd 0.7u GF	Oxy-fluor-fen, water, filtrd 0.7u GF	p,p'-DDD, water, unfltrd 0.7u GF	p,p'-DDE, water, unfltrd 0.7u GF	p,p'-DDT, water, unfltrd 0.7u GF	p,p'-oxy-chlor, water, unfltrd 0.7u GF	PCBs, water, filtrd 0.7u GF	Pendi-meth-alin, water, filtrd 0.7u GF
	µg/L (82667)	µg/L (39415)	µg/L (82630)	µg/L (39755)	µg/L (82671)	µg/L (61599)	µg/L (61600)	µg/L (39360)	µg/L (39365)	µg/L (39370)	µg/L (39480)	µg/L (39516)	µg/L (82683)
Oct													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov													
07...	<.008	.011	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
07...	--	--	--	<.001	--	--	--	<.001	<.002	<.001	<.002	<.1	--
Dec													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan													
16...	<.008	E.009	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
Feb													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
11...	<.008	E.008	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
17...	<.008	<.010	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
17...	<.008	E.008	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
24...	<.008	E.010	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	<.008	.011	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
08...	--	--	--	<.001	--	--	--	<.001	<.002	<.001	<.002	<.1	--
22...	<.008	E.024	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
22...	<.008	E.023	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
Jun													
18...	<.008	.014	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
25...	<.008	.012	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
09...	<.008	.012	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.008	E.010	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.008	.012	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
27...	<.008	E.009	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012
27...	--	--	--	<.001	--	--	--	<.001	<.002	<.001	<.002	<.1	--
Sep													
23...	<.008	E.007	<.012	--	<.003	<.010	<.006	--	--	--	--	--	<.012

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 13 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Phorate oxon, water, filtrd, μg/L (61666)	Phorate water, filtrd, μg/L (82664)	Phosmet oxon, water, filtrd, μg/L (61668)	Phosmet water, filtrd, μg/L (61601)	Promo- ton, water, filtrd, μg/L (04037)	Promo- tryn, water, filtrd, μg/L (04036)	Propy- zamide, water, filtrd, μg/L (82676)	Pro- panil, water, filtrd, μg/L (82679)	Propar- gite, water, filtrd, μg/L (82685)	Sima- zine, water, filtrd, μg/L (04035)	Tebu- thiuron, water, filtrd, μg/L (82670)	Teflu- thrin, water, filtrd, μg/L (61606)	Ter- bufos- oxon sulfone water, filtrd, μg/L (61674)
Oct													
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Nov													
07...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.008	<.02	<.003	<.04
07...	--	--	--	--	--	--	--	--	--	--	--	--	--
Dec													
19...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jan													
16...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
Feb													
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
26...	--	--	--	--	--	--	--	--	--	--	--	--	--
Mar													
11...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
11...	--	--	--	--	--	--	--	--	--	--	--	--	--
Apr													
17...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	<.006	<.02	<.003	<.04
17...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
24...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	.014	<.02	<.003	<.04
24...	--	--	--	--	--	--	--	--	--	--	--	--	--
May													
08...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	.011	<.02	<.003	<.04
08...	--	--	--	--	--	--	--	--	--	--	--	--	--
22...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	.010	<.02	<.003	<.04
22...	<.03	<.040	<.05	<.008	E.01	<.006	<.004	<.006	<.04	.009	<.02	<.003	<.04
Jun													
18...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	.011	<.02	<.003	<.04
25...	<.03	<.040	<.06	<.008	.01	<.006	<.004	<.006	<.04	.010	<.02	<.003	<.04
25...	--	--	--	--	--	--	--	--	--	--	--	--	--
Jul													
09...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	.009	<.02	<.003	<.04
16...	--	--	--	--	--	--	--	--	--	--	--	--	--
16...	<.03	<.040	<.05	<.008	E.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
Aug													
15...	--	--	--	--	--	--	--	--	--	--	--	--	--
15...	<.03	<.040	<.05	<.008	E.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
27...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.007	<.02	<.003	<.04
27...	--	--	--	--	--	--	--	--	--	--	--	--	--
Sep													
23...	<.03	<.040	<.05	<.008	<.01	<.006	<.004	<.006	<.04	E.006	<.02	<.003	<.04

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 14 of 14

[QC, quality control sample. Remark codes: <, less than; E, estimated.]

Date	Terbu-fos, water, filtrd 0.7u GF μg/L (82675)	Ter-buthyl-azine, water, filtrd 0.7u GF μg/L (04022)	Thio-bencarb water, filtrd 0.7u GF μg/L (82681)	Toxa-phene, water, unfiltrd μg/L (39400)	trans-Propri-conazole, water, filtrd μg/L (79847)	Tribu-phos, water, filtrd μg/L (61610)	Tri-flur-alin, water, filtrd 0.7u GF μg/L (82661)	Di-chlor-vos, water, filtrd μg/L (38775)	Suspnd. sedimnt <0.0625 percent mm (70331)	Sus-pended sieve diametr mm (70331)	Sus-pended sediment concentra-tion mg/L (80154)	Sus-pended sediment dis-charge, tons/d (80155)
Oct 25...	--	--	--	--	--	--	--	--	--	7	103	
Nov 07...	<.02	<.01	<.010	--	<.02	<.035	<.006	<.01	--	2	40	
07...	--	--	--	<1	--	--	--	--	--	--	--	
Dec 19...	--	--	--	--	--	--	--	--	--	2	75	
Jan 16...	<.02	<.01	<.010	--	<.02	<.035	<.006	<.01	--	4	242	
Feb 26...	--	--	--	--	--	--	--	--	--	<.5	--	
26...	--	--	--	--	--	--	--	--	--	4	246	
Mar 11...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	202	40,100	
11...	--	--	--	--	--	--	--	--	--	--	--	
Apr 17...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	--	--	
17...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	6	245	
24...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	83	1	24	
24...	--	--	--	--	--	--	--	--	91	2	--	
May 08...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	6	151	
08...	--	--	--	<1	--	--	--	--	--	--	--	
22...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	97	7	261	
22...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	--	--	
Jun 18...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	89	6	88	
25...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	6	87	
25...	--	--	--	--	--	--	--	--	--	--	--	
Jul 09...	<.02	<.01	<.010	--	<.02	<.035	<.010	<.01	--	2	21	
16...	--	--	--	--	--	--	--	--	--	--	--	
16...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	92	3	35	
Aug 15...	--	--	--	--	--	--	--	--	--	--	--	
15...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	93	5	66	
27...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	2	18	
27...	--	--	--	<1	--	--	--	--	--	--	--	
Sep 23...	<.02	<.01	<.010	--	<.02	<.035	<.009	<.01	--	2	17	

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 1 of 7

[Remark codes: <, less than; E, estimated.]

Date	Time	1,1,1,2-Tetra-chloro-ethane, water, unfltrd	1,1,1-Tri-chloro-ethane, water, unfltrd	1,1,2,2-Tetra-chloro-ethane, water, unfltrd	CFC-113	1,1,2-Tri-chloro-ethane, water, unfltrd	1,1-Di-chloro-ethane, water, unfltrd	1,1-Di-chloro-ethene, water, unfltrd	1,1-Di-chloro-propene	1,2,3,4-Tetra-methyl-benzene	1,2,3,5-Tetra-methyl-benzene	1,2,3-Tri-chloro-benzene	1,2,3-Tri-chloro-propane	
		µg/L (77562)	µg/L (34506)	µg/L (34516)		µg/L (77652)	µg/L (34511)	µg/L (34496)	µg/L (34501)	µg/L (77168)	µg/L (49999)	µg/L (50000)	µg/L (77613)	µg/L (77443)
Nov 07...	1030	<.04	<.02	<.10		<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12
Mar 11...	1100	<.04	<.02	<.10		<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12
May 08...	1040	<.04	<.02	<.10		<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12
Aug 27...	1010	<.04	<.02	<.10		<.04	<.06	<.04	<.02	<.04	<.1	<.1	<.1	<.12

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 2 of 7

[Remark codes: <, less than; E, estimated.]

Date	1,2,3-Tri-methyl-benzene water, unfltrd	1,2,4-Tri-chloro-benzene water, unfltrd	1,2,4-Tri-methyl-benzene water, unfltrd	Dibromo-chloropropane	1,2-Di-bromo-ethane, water, unfltrd	1,2-Di-chloro-benzene water, unfltrd	1,2-Di-chloro-ethane, water, unfltrd	1,2-Di-chloro-propene	1,3,5-Tri-methyl-benzene water, unfltrd	1,3-Di-chloro-benzene water, unfltrd	1,3-Di-chloro-propane water, unfltrd	1,4-Di-chloro-benzene water, unfltrd	2,2-Di-chloropropane water, unfltrd
	µg/L (77221)	µg/L (34551)	µg/L (77222)	µg/L (82625)	µg/L (77651)	µg/L (34536)	µg/L (32103)	µg/L (34541)	µg/L (77226)	µg/L (34566)	µg/L (77173)	µg/L (34571)	µg/L (77170)
Nov 07...	<.1	<.1	<.04	<.5	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06
Mar 11...	<.1	<.1	<.04	<.5	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06
May 08...	<.1	<.1	<.04	<.5	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06
Aug 27...	<.1	<.1	<.04	<.5	<.04	<.02	<.1	<.02	<.04	<.04	<.1	<.02	<.06

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
 Part 3 of 7
 [Remark codes: <, less than; E, estimated.]

Date	2-Chloro-toluene water, unfltrd µg/L (77275)	2-Ethyl-toluene water, unfltrd µg/L (77220)	3-Chloro-propene water, unfltrd µg/L (78109)	4-Chloro-toluene water, unfltrd µg/L (77277)	4-Iso-propyl-toluene water, unfltrd µg/L (77356)	Acetone water, unfltrd µg/L (81552)	Acrylo-nitrile water, unfltrd µg/L (34215)	Benzene water, unfltrd µg/L (34030)	Bromo-benzene water, unfltrd µg/L (81555)	Bromo-chloro-methane water, unfltrd µg/L (77297)	Bromo-di-chloro-methane water, unfltrd µg/L (32101)	Bromo-ethene, water, unfltrd µg/L (50002)	Tri-bromo-methane water, unfltrd µg/L (32104)
Nov 07...	<.04	<.04	<.08	<.04	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08
Mar 11...	<.04	<.04	<.08	<.04	<.08	<4	<.4	E.01	<.02	<.06	<.04	<.1	<.08
May 08...	<.04	<.04	<.08	<.04	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08
Aug 27...	<.04	<.04	<.08	<.04	<.08	<4	<.4	<.02	<.02	<.06	<.04	<.1	<.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
 Part 4 of 7
 [Remark codes: <, less than; E, estimated.]

Date	Bromo-methane water, unfltrd µg/L (34413)	Carbon di-sulfide water, unfltrd µg/L (77041)	Chloro-benzene water, unfltrd µg/L (34301)	Chloro-ethane, water, unfltrd µg/L (34311)	Chloro-methane water, unfltrd µg/L (34418)	cis-1,2-Di-chloro-ethene, water, unfltrd µg/L (77093)	cis-1,3-Di-chloro-propene water, unfltrd µg/L (34704)	Di-bromo-chloro-methane water, unfltrd µg/L (32105)	Di-bromo-fluoro-methane water, unfltrd µg/L (30217)	Di-chloro-difluoro-methane water, unfltrd µg/L (34668)	Di-chloro-methane water, unfltrd µg/L (34423)	Di-ethyl ether, water, unfltrd µg/L (81576)	Diisopropyl ether, water, unfltrd µg/L (81577)
Nov 07...	<.4	<.06	<.02	<.1	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06
Mar 11...	<.4	<.06	<.02	<.1	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06
May 08...	<.4	<.06	<.02	<.1	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06
Aug 27...	<.4	<.06	<.02	<.1	<.1	<.02	<.10	<.1	<.04	<.14	<.04	<.1	<.06

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 5 of 7

[Remark codes: <, less than; E, estimated.]

Date	Ethyl methacrylate, water, unfltrd µg/L (73570)	Ethyl methyl ketone, water, unfltrd µg/L (81595)	Ethyl-benzene water, unfltrd µg/L (34371)	Hexa-chloro-butadiene, water, unfltrd µg/L (39702)	Hexa-chloro-ethane, water, unfltrd µg/L (34396)	Iodo-methane, water, unfltrd µg/L (77424)	Iso-butyl methyl ketone, water, unfltrd µg/L (78133)	Iso-propyl-benzene, water, unfltrd µg/L (77223)	Methyl acrylonitrile, water, unfltrd µg/L (81593)	Methyl acrylate, water, unfltrd µg/L (49991)	Methyl methacrylate, water, unfltrd µg/L (81597)	Methyl tert-pentyl ether, water, unfltrd µg/L (50005)	meta-+ para-Xylene, water, unfltrd µg/L (85795)
Nov 07...	<.1	<1.6	<.04	<.1	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08
Mar 11...	<.1	<1.6	<.04	<.1	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08
May 08...	<.1	<1.6	<.04	<.1	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08
Aug 27...	<.1	<1.6	<.04	<.1	<.1	<.40	<.4	<.04	<.2	<.6	<.2	<.06	<.08

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 6 of 7

[Remark codes: <, less than; E, estimated.]

Date	Naphthalene, water, unfltrd µg/L (34696)	Methyl n-butyl ketone, water, unfltrd µg/L (77103)	n-Butyl benzene, water, unfltrd µg/L (77342)	Propyl-benzene, water, unfltrd µg/L (77224)	o-Xylene, water, unfltrd µg/L (77135)	sec-Butyl-benzene, water, unfltrd µg/L (77350)	Styrene, water, unfltrd µg/L (77128)	t-Butyl ethyl ether, water, unfltrd µg/L (50004)	t-Butyl t-butyl ether, water, unfltrd µg/L (78032)	Methyl t-butyl benzene, water, unfltrd µg/L (77353)	tert-Butyl-ether, water, unfltrd µg/L (34475)	Tetra-chloro-ethene, water, unfltrd µg/L (32102)	Tetra-chloro-methane, water, unfltrd µg/L (81607)
Nov 07...	<.2	<.6	<.1	<.04	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1
Mar 11...	<.2	<.6	<.1	<.04	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1
May 08...	<.2	<.6	<.1	<.04	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1
Aug 27...	<.2	<.6	<.1	<.04	<.04	<.04	<.04	<.04	<.1	<.06	<.04	<.08	<1

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

WATER-QUALITY DATA
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Part 7 of 7

[Remark codes: <, less than; E, estimated.]

Date	Toluene water, unfltrd μg/L (34010)	trans- 1,2-Di- chloro- ethene, water, unfltrd μg/L (34546)	trans- 1,3-Di- chloro- propene water, unfltrd μg/L (34699)	trans- 1,4-Di- chloro- butene, wat unf μg/L (73547)	Tri- chloro- ethene, water, unfltrd μg/L (39180)	Tri- fluoro- methane water, unfltrd μg/L (34488)	Tri- chloro- methane water, unfltrd μg/L (32106)	Vinyl chlor- ide, water, unfltrd μg/L (39175)
Nov								
07...	E.03	<.02	<.10	<.6	<.02	<.08	E.02	<.1
Mar								
11...	E.01	<.02	<.10	<.6	<.02	<.08	<.02	<.1
May								
08...	E.04	<.02	<.10	<.6	<.02	<.08	E.02	<.1
Aug								
27...	E.02	<.02	<.10	<.6	<.02	<.08	E.02	<.1

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	10.8	8.7	9.6	11.6	11.1	11.3	12.7	11.8	12.2	13.2	13.1	13.1	
2	11.0	8.6	9.7	11.8	11.1	11.4	12.8	12.6	12.7	13.4	13.0	13.2	
3	10.6	8.6	9.5	11.7	11.1	11.4	12.8	12.4	12.7	14.0	13.4	13.7	
4	10.9	8.4	9.5	12.1	11.5	11.8	13.0	12.3	12.7	14.5	14.0	14.3	
5	10.6	8.2	9.2	12.4	11.8	12.1	13.2	12.8	12.9	14.6	14.3	14.4	
6	10.9	8.3	9.4	12.3	11.9	12.1	13.5	13.0	13.2	14.3	13.9	14.1	
7	10.5	8.2	9.3	12.9	12.1	12.5	13.7	13.1	13.4	---	---	---	
8	10.8	7.9	9.2	13.0	12.0	12.4	13.7	13.3	13.5	---	---	---	
9	10.2	7.7	8.8	12.5	11.9	12.2	13.6	13.3	13.5	12.9	11.8	12.5	
10	10.5	7.8	8.9	12.4	12.0	12.2	13.4	13.1	13.3	12.8	12.1	12.5	
11	9.6	8.0	8.8	12.8	12.1	12.5	13.2	12.5	12.9	12.7	12.2	12.6	
12	9.8	8.3	8.9	12.4	12.1	12.3	12.8	12.6	12.7	12.8	12.3	12.6	
13	9.9	9.1	9.4	12.5	12.0	12.2	12.8	12.3	12.6	12.9	12.4	12.7	
14	10.5	9.6	10.0	12.3	11.8	12.0	13.2	12.4	12.9	12.7	12.4	12.6	
15	11.1	10.1	10.5	11.8	11.4	11.6	13.7	13.2	13.4	12.8	12.4	12.5	
16	11.1	10.2	10.6	11.7	11.4	11.5	13.5	12.5	13.2	12.9	12.3	12.7	
17	11.3	10.1	10.6	11.6	11.3	11.4	13.8	13.2	13.5	13.1	12.7	12.9	
18	11.6	10.0	10.7	11.8	11.6	11.7	14.2	13.6	13.9	13.6	12.8	13.1	
19	10.9	9.8	10.2	11.9	11.8	11.8	14.0	13.6	13.8	13.4	13.0	13.1	
20	11.3	9.3	10.2	12.9	11.8	12.2	13.8	13.4	13.6	13.7	12.9	13.2	
21	11.8	10.0	10.8	12.5	12.1	12.3	13.6	13.2	13.4	14.3	13.5	14.0	
22	11.8	10.3	11.0	12.3	11.7	12.0	13.7	13.2	13.4	14.4	13.9	14.2	
23	11.7	10.5	11.0	12.1	11.6	11.8	13.4	12.7	13.1	14.4	13.6	14.0	
24	10.8	10.2	10.4	12.3	11.6	12.0	12.7	12.1	12.3	14.3	13.5	13.9	
25	11.3	10.2	10.7	12.5	11.9	12.2	12.6	11.8	12.2	14.5	13.9	14.1	
26	11.4	10.7	11.0	12.3	12.1	12.2	---	---	---	14.6	13.9	14.2	
27	10.9	10.5	10.7	12.1	11.9	12.0	---	---	---	14.5	13.9	14.1	
28	10.8	10.5	10.6	12.2	11.8	12.0	13.4	13.2	13.2	14.4	13.6	14.0	
29	11.1	10.8	10.9	12.3	12.0	12.1	13.2	12.9	13.0	14.2	13.5	13.8	
30	11.0	10.8	10.9	12.1	11.8	12.0	13.0	12.8	12.9	13.8	12.9	13.3	
31	11.1	10.7	10.9	---	---	---	13.1	12.9	13.0	14.0	12.9	13.4	
Month	11.8	7.7	10.1	13.0	11.1	12.0	---	---	---	---	---	---	

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	13.5	12.8	13.2	13.2	11.7	12.7	12.6	12.2	12.5	12.4	9.8	11.0
2	13.1	12.9	13.0	13.2	12.0	12.6	12.7	12.1	12.4	12.4	9.8	11.0
3	13.4	12.9	13.2	12.9	11.1	12.3	12.7	12.0	12.4	11.4	9.8	10.5
4	13.5	13.1	13.3	12.4	11.0	11.9	12.4	11.7	12.2	12.3	9.8	10.9
5	13.5	12.9	13.2	12.3	11.0	11.9	12.7	11.7	12.2	12.2	9.8	10.9
6	13.2	12.6	12.9	13.2	11.5	12.7	12.4	11.5	12.0	11.5	9.5	10.5
7	12.6	12.2	12.4	13.2	12.9	13.1	12.6	11.6	12.2	11.0	9.2	10.1
8	12.8	12.2	12.5	13.0	11.9	12.6	13.0	11.8	12.5	9.9	8.8	9.3
9	13.0	12.8	12.9	12.5	12.1	12.3	12.8	11.7	12.2	9.1	8.6	8.8
10	13.1	12.7	12.9	12.4	12.7	12.7	12.6	11.2	12.0	9.8	8.8	9.3
11	13.7	13.1	13.4	12.9	12.5	12.7	12.4	10.7	11.3	10.1	9.3	9.7
12	13.9	13.5	13.7	12.9	11.9	12.4	12.0	10.4	11.0	10.0	9.5	9.8
13	13.9	13.3	13.7	12.6	11.7	12.3	11.9	10.2	11.0	10.7	9.8	10.2
14	13.5	13.2	13.4	12.7	11.7	12.2	12.6	10.2	11.4	10.6	9.7	10.1
15	13.4	12.8	13.1	12.6	11.8	12.3	13.8	10.0	11.8	10.4	9.4	9.9
16	13.2	12.8	13.0	12.5	12.2	12.3	14.2	10.6	12.2	9.7	9.1	9.2
17	13.4	12.8	13.2	12.8	12.2	12.6	14.4	10.1	12.1	9.9	9.1	9.5
18	13.2	12.0	12.8	12.9	12.6	12.7	14.1	10.2	12.0	9.7	9.2	9.5
19	12.3	11.4	11.9	12.7	12.2	12.6	14.4	9.8	11.9	---	---	---
20	12.3	11.0	11.7	12.4	11.5	12.1	13.7	9.6	11.5	---	---	---
21	13.2	11.3	12.2	12.7	11.9	12.3	13.8	9.9	11.4	---	---	---
22	13.1	11.3	12.5	12.9	12.4	12.7	---	---	---	---	---	---
23	13.3	10.7	12.6	13.0	12.4	12.9	---	---	---	10.8	10.0	10.4
24	13.0	10.7	12.3	13.0	12.7	12.8	---	---	---	10.7	9.8	10.2
25	13.5	11.8	12.7	13.0	12.7	12.8	---	---	---	10.8	9.7	10.2
26	13.2	12.2	12.8	12.8	12.3	12.7	---	---	---	10.7	9.4	10.1
27	12.8	11.3	12.2	12.5	12.4	12.4	---	---	---	10.5	9.0	9.7
28	13.0	12.1	12.5	12.6	11.7	12.3	---	---	---	10.7	8.7	9.7
29	13.5	12.5	12.9	12.9	12.4	12.6	---	---	---	10.8	9.0	9.9
30	---	---	---	13.1	12.6	12.8	---	---	---	10.9	8.8	9.8
31	---	---	---	12.8	12.6	12.7	---	---	---	10.2	8.7	9.5
Month	13.9	10.7	12.8	13.2	11.0	12.5	---	---	---	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
DISSOLVED OXYGEN, WATER, UNFILTERED, MILLIGRAMS PER LITER
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	9.7	8.5	9.1	10.7	7.5	9.1	8.0	6.5	7.2	10.6	7.6	9.0
2	10.8	8.4	9.6	10.9	7.6	9.3	7.9	6.4	7.1	10.6	7.7	9.0
3	11.0	8.4	9.7	11.1	7.7	9.3	8.2	6.7	7.4	10.5	7.5	8.8
4	9.7	8.2	8.9	9.8	7.4	8.5	8.2	6.6	7.5	10.3	7.2	8.7
5	9.2	7.8	8.5	9.7	7.3	8.3	8.3	7.0	7.6	10.2	7.0	8.5
6	10.3	8.5	9.3	9.7	7.4	8.5	8.3	6.9	7.5	7.9	6.7	7.3
7	10.6	8.4	9.4	10.1	7.7	8.8	8.6	6.7	7.7	8.4	6.7	7.4
8	10.7	8.0	9.3	11.3	7.7	9.2	8.6	6.9	7.8	9.2	6.9	7.9
9	11.0	7.6	9.3	---	---	---	8.9	7.1	8.0	8.2	6.9	7.5
10	11.6	7.4	9.4	11.1	7.5	9.3	8.0	7.3	7.8	9.1	7.1	8.0
11	11.2	7.2	9.1	11.4	7.7	9.6	8.9	7.4	8.1	9.1	7.5	8.3
12	11.6	7.3	9.4	11.5	7.6	9.6	9.2	7.7	8.4	8.6	7.8	8.2
13	12.7	7.6	10.0	11.7	7.6	9.6	9.3	7.6	8.5	9.1	7.7	8.3
14	12.7	7.7	10.1	10.1	7.0	8.5	9.2	7.6	8.4	9.1	7.6	8.3
15	12.1	7.3	9.6	11.2	7.3	9.1	9.2	7.4	8.3	9.1	7.2	8.1
16	12.2	7.6	9.7	11.1	7.3	9.2	9.4	7.6	8.5	9.1	7.3	8.2
17	12.5	7.8	10.1	10.9	7.1	8.9	9.4	7.5	8.5	9.6	7.8	8.7
18	11.5	8.1	9.7	10.5	6.8	8.7	9.6	7.6	8.6	9.7	8.0	8.8
19	11.3	8.0	9.6	10.9	6.5	8.7	9.6	7.5	8.6	9.8	8.0	8.9
20	11.2	8.2	9.7	10.4	6.1	8.2	9.9	7.6	8.7	10.2	8.4	9.2
21	11.4	8.1	9.8	9.8	6.1	7.8	10.1	7.8	8.9	10.3	8.3	9.3
22	11.0	8.1	9.4	9.2	6.0	7.6	10.0	7.8	8.9	10.3	8.1	9.2
23	10.8	7.8	9.1	8.2	5.8	6.8	10.1	7.6	8.8	10.4	8.3	9.3
24	10.4	7.9	9.2	8.1	5.7	6.7	10.0	7.6	8.8	10.5	8.3	9.4
25	10.5	8.0	9.3	7.0	6.3	6.6	10.1	7.4	8.7	10.1	8.4	9.3
26	10.2	7.9	8.9	7.2	6.3	6.7	10.3	7.6	8.9	9.8	8.4	9.1
27	10.7	7.8	9.3	7.3	6.6	6.9	10.5	7.7	9.0	9.8	8.4	9.1
28	10.2	7.7	9.0	7.2	6.6	6.9	10.3	7.9	9.1	9.7	8.2	8.8
29	10.2	7.6	8.9	7.2	6.6	6.9	10.1	7.8	8.9	8.7	8.0	8.2
30	10.2	7.4	8.8	7.2	6.5	6.9	10.2	7.5	8.7	8.9	7.9	8.4
31	---	---	---	7.5	6.4	7.0	10.5	7.6	8.9	---	---	---
Month	12.7	7.2	9.4	---	---	---	10.5	6.4	8.3	10.6	6.7	8.6

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	122	96	108	107	102	104	98	92	95	100	99	99	
2	124	94	108	107	100	104	98	96	97	100	98	99	
3	120	95	107	106	101	103	98	94	96	100	97	98	
4	127	94	109	109	102	105	97	93	95	101	97	99	
5	123	94	106	111	104	107	97	94	95	101	98	99	
6	127	94	108	110	106	108	98	94	96	102	98	100	
7	123	94	108	113	105	109	98	94	96	---	---	---	
8	129	91	108	112	102	107	100	96	98	---	---	---	
9	121	90	104	107	101	104	99	96	98	103	92	98	
10	123	89	103	105	101	103	100	96	98	101	95	99	
11	109	91	100	108	101	104	100	95	98	100	95	98	
12	107	91	97	104	102	103	99	97	98	100	95	98	
13	104	95	98	107	101	104	98	94	96	99	95	97	
14	108	98	102	105	99	102	100	94	97	98	95	96	
15	113	101	106	101	97	99	101	97	99	98	94	96	
16	114	102	107	99	96	97	99	92	96	98	93	96	
17	118	102	109	97	95	96	98	94	96	98	94	96	
18	123	102	111	97	96	96	101	95	98	102	95	98	
19	118	103	109	96	95	96	100	96	99	100	96	98	
20	123	99	110	104	95	98	101	96	98	99	94	97	
21	126	104	113	102	98	100	100	96	98	100	96	98	
22	126	107	115	101	97	99	101	97	99	100	96	98	
23	125	110	116	100	96	98	101	97	99	102	94	98	
24	115	108	111	100	94	98	99	94	96	101	95	98	
25	116	106	111	101	95	98	97	89	93	101	96	98	
26	115	108	111	99	97	98	---	---	---	102	96	99	
27	110	107	108	99	96	97	---	---	---	103	97	100	
28	107	104	106	99	95	97	101	99	100	104	96	100	
29	105	102	104	99	96	97	101	100	100	102	97	99	
30	103	100	101	97	94	95	100	99	99	102	94	97	
31	103	97	100	---	---	---	101	98	99	103	94	97	
Month	129	89	107	113	94	101	---	---	---	---	---	---	

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	98	93	96	98	86	94	106	101	103	121	94	106
2	97	93	95	99	90	94	108	101	104	123	95	107
3	99	94	96	98	86	94	106	101	103	111	95	102
4	99	96	98	98	87	93	103	97	102	123	93	106
5	102	96	98	98	87	95	107	97	102	124	96	109
6	101	95	98	100	91	97	104	96	100	119	95	107
7	99	94	97	99	97	98	104	96	101	116	93	104
8	97	93	95	98	93	97	110	98	104	104	92	98
9	97	95	96	97	93	95	111	98	104	95	89	91
10	97	94	96	97	93	95	114	101	107	99	88	93
11	99	95	96	97	94	96	115	97	104	101	92	97
12	97	95	96	99	92	95	114	96	103	96	93	95
13	96	93	95	98	91	95	112	95	104	107	93	99
14	96	93	95	100	92	96	118	93	105	109	96	102
15	97	93	95	101	95	98	129	90	109	110	95	102
16	97	93	94	102	98	100	133	96	113	101	92	95
17	98	93	95	104	98	101	137	93	114	102	90	96
18	97	91	96	103	100	101	137	96	115	99	93	96
19	94	87	91	101	97	100	144	94	118	---	---	---
20	92	81	86	101	93	97	138	95	115	---	---	---
21	95	82	89	101	94	97	139	98	113	---	---	---
22	94	82	90	101	97	99	---	---	---	---	---	---
23	96	78	90	103	98	101	---	---	---	109	96	102
24	93	79	89	103	100	101	---	---	---	109	97	103
25	100	88	94	105	100	102	---	---	---	113	97	105
26	98	91	95	105	100	102	---	---	---	116	97	107
27	96	85	92	103	101	102	---	---	---	117	97	106
28	97	91	93	103	95	101	---	---	---	120	95	107
29	99	92	95	106	99	102	---	---	---	121	97	108
30	---	---	---	108	101	104	---	---	---	124	96	109
31	---	---	---	105	102	103	---	---	---	115	96	106
Month	102	78	94	108	86	98	---	---	---	---	---	---

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01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

**DISSOLVED OXYGEN, WATER, UNFILTERED, PERCENT OF SATURATION
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	112	94	103	137	92	114	103	80	91	130	89	108
2	126	94	109	140	93	116	100	79	89	131	90	109
3	129	95	112	142	94	117	103	81	92	131	89	107
4	111	93	101	122	91	105	104	80	93	129	87	106
5	105	86	95	120	88	102	105	85	95	129	85	106
6	119	95	105	119	89	103	106	85	94	98	82	89
7	128	96	110	125	93	107	109	82	96	102	79	89
8	134	95	113	144	93	115	107	84	95	113	81	95
9	142	93	117	---	---	---	111	85	98	98	81	89
10	153	93	121	141	92	116	98	87	93	108	82	94
11	146	91	117	147	94	120	106	85	95	107	86	96
12	150	91	120	149	94	121	110	88	99	99	88	94
13	163	94	126	152	94	121	112	87	100	106	87	96
14	164	95	128	128	87	107	113	89	100	110	88	98
15	155	91	121	145	89	115	112	87	99	111	85	97
16	154	94	121	145	90	117	116	89	102	107	85	96
17	154	94	123	142	88	114	116	88	102	111	88	99
18	138	95	116	138	85	112	119	90	104	113	89	100
19	135	92	112	145	82	113	119	89	104	111	89	100
20	134	94	114	139	78	108	121	89	104	115	91	102
21	139	93	116	131	78	103	124	91	107	117	90	103
22	136	95	113	123	77	99	124	92	108	118	90	103
23	132	92	110	106	74	87	125	90	107	118	92	104
24	127	93	111	104	71	85	125	91	107	118	90	104
25	130	94	112	88	77	81	125	89	106	109	91	101
26	125	94	108	86	76	80	127	90	107	105	89	97
27	134	93	113	86	78	81	127	90	107	107	90	98
28	130	94	113	86	77	82	123	91	107	107	89	97
29	130	93	112	89	78	84	121	90	105	95	87	89
30	129	91	109	89	79	84	124	88	105	98	85	91
31	---	---	---	94	79	87	129	89	107	---	---	---
Month	164	86	113	---	---	---	129	79	101	131	79	99

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01463500 DELAWARE RIVER AT TRENTON, NJ—Continued**PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median	
October				November				December				January	
1	8.0	7.5	7.8	7.0	7.0	7.0	7.7	7.6	7.6	7.6	7.6	7.6	
2	8.1	7.6	7.8	7.0	7.0	7.0	7.7	7.6	7.7	7.7	7.6	7.6	
3	8.0	7.6	7.8	7.1	7.0	7.0	7.8	7.7	7.7	7.7	7.6	7.7	
4	8.1	7.5	7.8	7.1	7.0	7.1	7.8	7.7	7.8	7.7	7.6	7.7	
5	8.0	7.5	7.7	7.1	7.1	7.1	7.8	7.8	7.8	7.7	7.6	7.7	
6	8.1	7.5	7.8	7.2	7.1	7.1	7.8	7.8	7.8	7.8	7.7	7.7	
7	8.1	7.6	7.8	7.2	7.1	7.1	7.8	7.7	7.7	7.7	7.6	7.6	
8	8.2	7.6	7.9	7.7	7.1	7.2	7.8	7.7	7.8	7.8	7.5	7.7	
9	8.3	7.6	7.9	7.8	7.6	7.7	7.8	7.7	7.8	7.8	7.6	7.7	
10	8.3	7.6	7.9	7.6	7.5	7.6	7.8	7.8	7.8	7.7	7.6	7.6	
11	8.0	7.6	7.8	7.6	7.4	7.5	7.8	7.8	7.8	7.6	7.5	7.5	
12	7.7	7.5	7.6	7.4	6.8	7.0	7.8	7.8	7.8	7.6	7.5	7.5	
13	7.6	7.5	7.5	7.5	7.3	7.4	7.8	7.8	7.8	7.5	7.5	7.5	
14	7.5	7.4	7.4	7.5	7.3	7.4	7.8	7.7	7.8	7.5	7.4	7.5	
15	7.5	7.3	7.4	7.4	7.3	7.4	7.8	7.7	7.8	7.6	7.5	7.5	
16	7.7	7.4	7.5	7.3	7.2	7.3	7.8	7.7	7.8	7.6	7.5	7.6	
17	7.8	7.4	7.5	7.2	6.7	6.9	7.8	7.8	7.8	7.6	7.6	7.6	
18	8.0	7.4	7.6	6.8	6.6	6.6	7.8	7.8	7.8	7.7	7.6	7.6	
19	7.9	7.4	7.6	6.6	6.6	6.6	7.8	7.8	7.8	7.7	7.6	7.7	
20	8.0	7.4	7.7	7.4	6.6	6.6	7.8	7.7	7.8	7.8	7.6	7.7	
21	8.0	7.5	7.7	7.5	7.4	7.4	7.8	7.7	7.8	7.8	7.7	7.8	
22	7.9	7.5	7.7	7.6	7.4	7.5	7.8	7.7	7.8	7.8	7.7	7.8	
23	7.8	7.5	7.6	7.6	7.5	7.6	7.8	7.7	7.8	7.8	7.7	7.8	
24	7.6	7.4	7.5	7.6	7.4	7.5	7.8	7.7	7.7	7.8	7.7	7.8	
25	7.6	7.4	7.5	7.6	7.5	7.6	7.7	7.5	7.5	8.0	7.8	7.8	
26	7.6	7.4	7.5	7.7	7.6	7.6	---	---	---	7.9	7.8	7.8	
27	7.5	7.2	7.4	7.7	7.6	7.7	---	---	---	7.9	7.8	7.9	
28	7.3	7.2	7.3	7.7	7.6	7.6	7.6	7.5	7.5	8.0	7.8	7.9	
29	7.3	7.1	7.2	7.8	7.5	7.7	7.6	7.5	7.6	7.9	7.8	7.9	
30	7.1	7.1	7.1	7.7	7.3	7.5	7.6	7.6	7.6	8.0	7.8	7.8	
31	7.1	7.0	7.0	---	---	---	7.6	7.6	7.6	8.1	7.8	7.9	
Max	8.3	7.6	7.9	7.8	7.6	7.7	---	---	---	8.1	7.8	7.9	
Min	7.1	7.0	7.0	6.6	6.6	6.6	---	---	---	7.5	7.4	7.5	

Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
	February				March				April			
1	7.9	7.7	7.8	7.6	7.5	7.6	7.8	7.8	7.8	8.7	7.8	8.2
2	7.8	7.7	7.7	7.6	7.5	7.6	8.0	7.7	7.9	8.8	7.8	8.2
3	7.8	7.7	7.7	7.6	7.5	7.6	7.9	7.7	7.8	8.3	7.8	8.0
4	7.8	7.6	7.7	7.7	7.5	7.6	7.7	7.6	7.7	8.7	7.8	8.0
5	7.8	7.7	7.8	7.7	7.5	7.6	7.9	7.6	7.7	8.7	7.9	8.3
6	7.9	7.7	7.8	7.5	7.3	7.4	7.8	7.6	7.7	8.5	7.9	8.2
7	7.8	7.7	7.7	7.4	7.3	7.4	7.8	7.6	7.7	8.4	7.8	8.0
8	7.7	7.4	7.4	7.5	7.4	7.5	8.0	7.6	7.7	8.0	7.8	7.9
9	7.4	7.3	7.4	7.6	7.4	7.5	8.1	7.6	7.8	7.8	7.7	7.7
10	7.5	7.4	7.5	7.4	7.3	7.4	8.3	7.7	7.9	7.9	7.7	7.7
11	7.6	7.5	7.6	7.5	7.4	7.4	8.5	7.7	8.0	7.9	7.7	7.8
12	7.6	7.6	7.6	7.5	7.4	7.5	8.6	7.7	8.0	7.9	7.8	7.8
13	7.7	7.5	7.6	7.5	7.4	7.5	8.5	7.8	8.2	8.0	7.8	7.9
14	7.7	7.6	7.6	7.6	7.5	7.5	8.9	7.7	8.4	8.0	7.8	7.9
15	7.8	7.5	7.6	7.7	7.6	7.6	9.2	7.7	8.6	8.1	7.8	7.9
16	7.6	7.6	7.6	7.7	7.6	7.7	9.3	7.9	8.9	7.9	7.7	7.8
17	7.7	7.6	7.6	7.7	7.6	7.7	9.4	7.9	8.9	7.9	7.7	7.8
18	7.8	7.6	7.7	7.7	7.6	7.6	9.3	8.2	9.0	7.9	7.8	7.8
19	7.7	7.4	7.6	7.7	7.6	7.6	9.4	8.3	9.1	---	---	---
20	7.5	7.4	7.4	7.7	7.6	7.6	9.4	8.6	9.1	---	---	---
21	7.5	7.4	7.4	7.7	7.4	7.6	9.3	8.7	8.9	---	---	---
22	7.5	7.4	7.5	7.5	7.4	7.5	---	---	---	---	---	---
23	7.6	7.2	7.5	7.6	7.5	7.6	---	---	---	8.1	7.8	7.9
24	7.6	7.3	7.5	7.6	7.6	7.6	---	---	---	8.2	7.8	8.0
25	7.7	7.4	7.5	7.7	7.6	7.7	---	---	---	8.3	7.9	8.0
26	7.7	7.5	7.6	7.8	7.7	7.7	---	---	---	8.4	7.9	8.1
27	7.6	7.4	7.6	7.8	7.7	7.7	---	---	---	8.5	7.9	8.1
28	7.6	7.5	7.6	7.8	7.6	7.8	---	---	---	8.6	8.0	8.3
29	7.6	7.5	7.6	7.9	7.7	7.8	---	---	---	8.7	8.1	8.4
30	---	---	---	7.8	7.8	7.8	---	---	---	8.8	8.1	8.4
31	---	---	---	7.8	7.7	7.8	---	---	---	8.6	8.1	8.4
Max	7.9	7.7	7.8	7.9	7.8	7.8	---	---	---	---	---	---
Min	7.4	7.2	7.4	7.4	7.3	7.4	---	---	---	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
PH, WATER, UNFILTERED, FIELD, STANDARD UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Median	Max	Min	Median	Max	Min	Median	Max	Min	Median
				June			July			August		
1	8.4	7.9	8.1	9.1	8.2	8.8	8.0	7.5	7.7	9.1	8.3	8.8
2	8.8	7.9	8.4	9.2	8.4	8.8	8.0	7.6	7.7	9.1	8.3	8.8
3	8.8	8.1	8.5	9.2	8.5	9.0	8.1	7.6	7.8	9.1	8.2	8.7
4	8.5	7.8	8.2	9.0	8.4	8.8	8.2	7.7	7.9	9.0	8.1	8.7
5	8.1	7.5	7.8	8.8	7.9	8.4	8.2	7.8	8.0	9.0	8.0	8.6
6	8.5	7.9	8.1	8.8	7.9	8.3	8.3	7.8	8.0	8.5	7.7	7.9
7	8.7	8.0	8.3	8.9	8.1	8.5	8.4	7.8	8.1	8.0	7.6	7.7
8	8.8	7.9	8.4	9.1	8.1	8.6	8.5	7.8	8.1	8.3	7.6	7.8
9	9.0	8.0	8.6	---	---	---	8.6	7.8	8.2	7.9	7.6	7.7
10	9.1	8.0	8.7	9.2	8.4	8.9	8.3	7.8	8.0	8.2	7.6	7.8
11	9.0	8.2	8.7	9.3	8.6	9.0	8.4	7.8	8.0	8.3	7.8	8.0
12	9.2	8.2	8.7	9.4	8.8	9.2	8.5	7.9	8.2	8.1	7.8	7.9
13	9.4	8.4	9.0	9.4	8.8	9.2	8.6	8.0	8.3	8.3	7.7	7.9
14	9.4	8.6	9.1	9.3	8.7	9.1	8.6	8.0	8.3	8.4	7.8	8.0
15	9.3	8.5	9.0	9.2	8.5	9.0	8.7	7.9	8.2	8.5	7.7	8.1
16	9.2	8.5	9.0	9.2	8.4	8.9	8.8	8.0	8.4	8.6	7.8	8.1
17	9.2	8.5	9.0	9.2	8.3	8.9	8.9	8.0	8.5	8.8	8.0	8.2
18	9.1	8.6	8.9	9.2	8.1	8.8	8.9	8.0	8.6	8.8	8.0	8.4
19	9.0	8.1	8.7	9.2	8.1	8.8	9.0	8.1	8.6	8.8	8.0	8.4
20	9.0	8.3	8.7	9.1	8.1	8.8	9.1	8.3	8.8	8.9	8.1	8.5
21	9.1	8.3	8.8	9.0	8.1	8.7	9.2	8.4	8.9	8.9	8.2	8.6
22	9.1	8.4	8.8	9.0	8.0	8.7	9.2	8.6	9.0	8.9	8.2	8.7
23	8.9	8.2	8.6	8.7	8.0	8.3	9.2	8.6	9.0	9.0	8.4	8.8
24	8.9	8.2	8.7	8.3	7.6	7.9	9.2	8.6	9.0	9.1	8.4	8.8
25	8.9	8.2	8.7	7.9	7.3	7.7	9.2	8.6	8.9	9.0	8.5	8.9
26	8.9	8.2	8.6	7.3	7.1	7.2	9.2	8.6	8.9	8.9	8.3	8.8
27	9.0	8.1	8.7	7.2	7.1	7.2	9.2	8.5	8.9	8.8	8.1	8.4
28	9.0	8.2	8.7	7.4	7.2	7.4	9.2	8.7	9.0	8.6	7.9	8.2
29	9.0	8.2	8.7	7.5	7.4	7.5	9.1	8.6	9.0	8.1	7.6	7.7
30	8.9	8.1	8.7	7.6	7.4	7.5	9.1	8.4	8.8	7.9	7.6	7.7
31	---	---	---	7.7	7.4	7.6	9.1	8.3	8.8	---	---	---
Max	9.4	8.6	9.1	---	---	---	9.2	8.7	9.0	9.1	8.5	8.9
Min	8.1	7.5	7.8	---	---	---	8.0	7.5	7.7	7.9	7.6	7.7

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October				November				December			
1	237	233	235	139	131	135	136	130	132	166	154	161
2	248	236	242	148	139	144	139	136	138	168	163	165
3	247	229	240	157	146	151	163	139	148	168	163	164
4	229	211	219	165	157	162	190	163	180	175	160	165
5	213	211	212	175	164	170	186	165	177	191	173	178
6	215	212	213	182	175	178	166	161	164	198	176	187
7	227	215	222	189	181	186	168	162	166	199	167	177
8	235	227	231	192	188	190	172	168	171	171	166	168
9	237	231	236	196	185	187	180	172	176	167	153	161
10	233	228	230	187	180	183	190	180	184	153	137	146
11	237	229	232	187	181	183	210	190	198	137	121	126
12	237	214	226	244	187	223	210	190	201	125	119	122
13	235	203	217	199	189	195	194	185	189	119	107	110
14	203	168	182	202	199	201	211	186	197	119	108	114
15	171	164	167	202	194	199	229	205	217	129	119	124
16	180	170	174	196	173	189	205	192	198	136	129	132
17	188	180	185	221	109	194	203	194	198	140	135	137
18	198	188	192	113	108	109	224	203	216	160	140	147
19	205	198	202	123	113	119	212	196	206	191	160	179
20	216	205	208	143	122	131	196	184	189	185	174	178
21	237	216	227	156	143	152	187	180	184	175	170	173
22	231	219	223	159	148	154	180	176	177	173	170	171
23	221	188	205	148	140	143	176	172	174	179	171	174
24	188	182	183	146	141	142	214	172	188	180	176	178
25	193	184	189	147	143	146	202	150	172	176	174	175
26	204	192	197	153	145	149	---	---	---	180	175	177
27	207	144	185	163	153	157	---	---	---	179	176	177
28	185	148	174	163	132	148	147	142	143	180	176	178
29	175	127	147	132	121	124	151	143	145	181	178	179
30	127	125	126	130	122	126	162	151	159	182	178	180
31	131	125	129	---	---	---	156	147	150	184	181	183
Month	248	125	202	244	108	162	---	---	---	199	107	161

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
February				March				April				May
1	185	180	183	193	186	189	160	153	157	204	193	196
2	274	177	207	206	191	199	160	148	157	199	193	196
3	266	204	225	209	202	206	148	129	139	201	197	199
4	206	194	201	204	200	202	129	125	126	206	200	203
5	196	192	193	206	187	194	134	127	131	209	206	206
6	197	194	195	187	115	141	135	123	128	208	201	205
7	197	167	188	118	112	115	126	123	124	201	194	196
8	167	116	137	129	114	122	130	125	127	201	194	197
9	117	114	115	134	117	128	133	129	130	201	199	200
10	127	117	121	117	105	109	139	133	136	209	201	204
11	133	126	130	122	108	115	143	139	141	209	203	206
12	140	133	136	132	120	127	150	143	146	208	194	201
13	198	140	155	139	130	134	154	150	153	200	192	195
14	280	185	218	143	137	140	155	150	152	203	200	201
15	188	170	179	154	143	148	155	152	154	209	203	205
16	170	168	169	155	150	152	161	154	157	212	207	209
17	169	165	167	150	145	147	161	156	159	215	202	208
18	180	164	168	150	146	147	167	161	164	215	197	207
19	183	147	164	154	149	151	172	164	169	---	---	---
20	147	137	141	163	153	158	178	169	175	---	---	---
21	140	133	137	154	114	133	195	178	186	---	---	---
22	152	137	141	116	111	113	209	195	199	---	---	---
23	185	145	157	128	115	122	217	206	211	183	178	181
24	186	159	168	136	128	133	220	208	210	188	183	185
25	170	164	166	142	136	139	220	210	212	189	186	187
26	172	167	169	152	142	147	218	205	211	194	187	191
27	206	170	187	157	152	154	222	209	216	207	194	200
28	203	188	193	162	157	159	223	210	217	209	202	204
29	195	186	190	164	160	162	235	206	219	219	209	215
30	---	---	---	163	148	154	215	202	207	221	209	213
31	---	---	---	153	148	151	---	---	---	214	211	212
Month	280	114	169	209	105	148	235	123	167	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued**SPECIFIC CONDUCTANCE, WATER, UNFILTERED, MICROSIEMENS PER CENTIMETER AT 25 DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
				June			July			August		
1	215	209	212	256	248	251	182	166	172	256	246	254
2	227	211	219	255	250	252	194	182	189	255	252	253
3	230	225	227	256	250	253	201	193	198	252	234	243
4	227	195	222	256	245	249	200	195	198	234	223	228
5	224	177	205	251	242	245	218	199	213	226	221	223
6	224	217	220	255	245	249	226	217	219	230	201	224
7	227	219	223	251	245	248	217	204	211	218	201	212
8	226	221	223	257	249	254	208	204	206	260	217	241
9	229	222	226	---	---	---	211	203	206	237	210	216
10	234	229	232	252	243	247	218	210	213	231	210	217
11	238	232	236	248	243	245	219	215	218	254	231	247
12	236	224	232	250	245	249	228	215	218	252	228	241
13	224	213	216	254	250	253	242	228	237	229	224	226
14	225	217	222	258	254	256	241	224	233	238	229	232
15	223	218	220	255	250	253	224	216	218	242	237	239
16	240	223	233	266	253	261	221	214	217	249	239	246
17	249	238	244	253	219	239	221	215	217	252	245	248
18	249	237	242	219	212	214	218	212	215	245	240	243
19	242	233	239	241	213	223	227	218	225	241	237	238
20	235	230	232	244	231	238	225	220	223	247	241	244
21	230	224	226	241	232	237	220	217	219	253	247	250
22	230	223	226	240	237	238	222	217	219	259	253	256
23	245	230	235	241	218	233	228	222	225	265	259	263
24	252	241	246	219	213	216	228	225	227	269	263	266
25	241	238	239	254	131	208	229	226	228	264	249	259
26	238	231	233	131	105	114	230	229	230	249	243	246
27	235	229	231	118	105	110	233	229	230	247	244	246
28	236	231	233	152	118	135	232	230	230	248	226	238
29	239	234	236	158	149	153	233	230	232	246	195	221
30	250	239	243	162	157	160	232	229	230	216	194	202
31	---	---	---	166	157	160	246	232	237	---	---	---
Month	252	177	229	---	---	---	246	166	218	269	194	239

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	October			November			December			January		
1	21.4	20.1	20.8	11.7	11.1	11.4	5.3	4.5	4.8	3.7	3.4	3.5
2	21.4	19.4	20.4	11.5	10.7	11.1	4.5	3.5	3.9	3.5	2.3	3.1
3	21.9	20.3	21.0	10.9	10.3	10.7	3.9	3.5	3.7	2.3	1.0	1.6
4	22.9	21.0	21.9	10.5	9.9	10.2	3.6	2.8	3.1	1.0	0.2	0.5
5	22.5	21.7	22.1	10.5	9.7	10.0	2.8	2.4	2.6	0.6	0.0	0.3
6	23.0	21.1	22.0	10.5	9.7	10.1	2.4	1.8	2.0	1.9	0.5	1.2
7	23.4	21.8	22.6	9.8	9.0	9.4	1.8	1.3	1.6	3.1	1.8	2.3
8	24.1	22.2	23.2	9.1	8.3	8.7	2.3	1.6	1.9	4.7	3.1	3.7
9	23.9	22.4	23.3	8.5	8.0	8.2	2.3	2.0	2.1	5.5	4.7	5.1
10	23.2	21.6	22.4	8.1	7.7	8.0	3.1	2.3	2.7	5.3	4.9	5.1
11	22.3	20.2	21.4	8.0	7.1	7.5	3.8	3.1	3.5	5.0	4.6	4.8
12	20.2	18.0	19.2	8.1	7.4	7.8	4.5	3.8	4.2	4.9	4.4	4.7
13	18.0	16.6	17.3	8.6	7.6	8.1	4.2	3.5	3.9	4.5	3.9	4.1
14	16.6	15.5	16.1	8.3	7.8	8.1	3.7	3.3	3.5	4.2	4.0	4.1
15	16.1	15.1	15.6	8.6	8.1	8.4	3.3	2.5	2.7	4.1	3.7	3.9
16	16.5	15.2	15.8	8.1	7.8	8.0	2.6	1.7	2.3	3.8	3.4	3.6
17	17.3	15.6	16.4	8.1	7.2	7.9	1.7	1.0	1.3	3.4	2.8	3.0
18	18.1	16.2	17.1	7.2	6.5	6.8	1.3	0.8	1.0	3.4	2.7	3.0
19	19.1	17.6	18.3	6.5	6.0	6.2	1.8	1.1	1.4	3.2	2.7	2.9
20	19.3	18.1	18.7	6.0	5.9	6.0	2.4	1.7	2.0	2.8	1.5	2.3
21	18.4	16.9	17.6	6.8	6.0	6.4	2.4	2.1	2.3	1.5	0.6	1.0
22	18.3	16.8	17.5	7.6	6.6	7.1	2.8	2.4	2.5	0.6	0.2	0.4
23	18.5	17.3	17.9	7.5	6.8	7.1	4.8	2.8	3.6	1.1	0.4	0.8
24	18.3	17.7	18.1	6.8	6.0	6.3	5.0	4.7	4.9	1.2	0.7	0.9
25	17.7	16.0	16.8	6.3	5.8	6.0	4.7	3.4	3.8	0.7	0.1	0.4
26	16.0	15.6	15.7	6.0	5.7	5.8	---	---	---	0.8	0.1	0.5
27	16.1	15.7	15.9	6.9	6.0	6.5	---	---	---	1.4	0.6	1.0
28	16.0	14.1	15.0	6.5	6.0	6.2	4.0	3.2	3.5	1.8	1.0	1.4
29	14.1	12.5	13.2	6.0	5.7	5.8	4.6	3.9	4.3	1.7	1.2	1.4
30	12.5	11.5	11.9	5.7	5.3	5.5	4.4	4.1	4.3	2.8	1.7	2.3
31	11.9	11.0	11.5	---	---	---	4.3	3.7	4.0	2.5	1.7	2.1
Month	24.1	11.0	18.3	11.7	5.3	7.8	---	---	---	5.5	0.0	2.4

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued
TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February				March				April			
1	2.2	1.9	2.1	3.0	2.1	2.6	7.8	6.5	7.0	14.3	13.2	13.9
2	2.8	2.0	2.4	3.5	2.2	2.9	8.3	7.2	7.8	15.0	13.6	14.2
3	2.7	1.8	2.3	4.7	3.1	3.9	8.0	7.0	7.5	14.5	13.4	13.9
4	2.8	2.4	2.6	5.4	4.7	5.0	7.6	7.0	7.3	15.1	13.1	13.9
5	3.4	2.8	3.1	6.2	5.2	5.8	8.0	6.9	7.4	16.2	14.4	15.2
6	4.5	3.3	3.9	5.2	3.0	4.1	7.8	7.2	7.3	16.8	15.2	16.0
7	4.9	4.5	4.7	3.6	2.8	3.1	7.2	6.8	7.0	17.8	15.8	16.7
8	4.5	3.0	3.7	5.1	3.6	4.2	8.1	6.7	7.3	17.8	17.2	17.5
9	3.1	2.9	3.0	5.1	3.7	4.4	9.4	7.6	8.3	17.5	15.6	16.6
10	3.1	2.2	2.8	3.7	3.0	3.3	11.4	9.3	10.2	15.7	15.0	15.3
11	2.2	1.2	1.6	3.9	3.2	3.5	12.1	10.8	11.5	15.5	14.7	15.1
12	1.2	0.4	0.7	4.4	3.7	4.0	13.0	11.7	12.3	15.0	13.2	13.9
13	0.8	0.2	0.4	4.8	4.0	4.4	12.8	12.0	12.4	15.3	12.8	14.0
14	1.4	0.5	1.0	5.5	4.5	5.0	12.2	10.8	11.6	16.4	14.6	15.5
15	2.1	1.3	1.7	6.3	5.2	5.7	12.2	10.5	11.4	17.8	15.9	16.8
16	2.4	1.8	2.1	6.5	6.0	6.2	12.4	10.7	11.6	17.2	15.7	16.6
17	2.3	1.8	2.0	6.3	5.5	6.0	13.1	11.2	12.2	16.7	14.9	15.9
18	3.9	2.3	3.2	6.0	5.4	5.5	14.1	12.2	13.2	16.5	15.3	15.9
19	4.0	3.2	3.8	5.5	5.2	5.3	15.4	13.6	14.5	---	---	---
20	3.2	2.3	2.7	6.5	5.5	6.0	15.5	14.8	15.1	---	---	---
21	2.4	1.8	2.2	6.0	4.8	5.3	15.6	14.5	15.1	---	---	---
22	2.1	1.6	1.8	5.1	4.5	4.8	16.6	15.3	15.8	---	---	---
23	2.1	1.6	1.8	5.5	4.6	5.0	17.7	15.6	16.5	15.5	13.3	14.4
24	2.6	1.4	1.9	5.8	4.7	5.2	18.8	17.0	17.8	16.2	14.6	15.4
25	3.0	2.0	2.5	6.2	5.0	5.6	18.6	17.4	17.9	17.6	15.4	16.4
26	3.1	2.5	2.8	7.0	5.4	6.2	18.1	17.0	17.7	19.1	16.9	17.9
27	3.8	3.0	3.4	6.8	6.3	6.6	17.0	16.0	16.4	20.6	18.8	19.6
28	3.6	2.6	3.0	6.8	6.2	6.5	16.0	15.0	15.5	20.9	19.4	20.0
29	2.9	2.0	2.5	6.9	5.6	6.3	15.0	14.4	14.8	20.6	18.8	19.7
30	---	---	---	6.8	5.6	6.3	14.7	13.8	14.3	21.5	19.3	20.3
31	---	---	---	6.6	5.9	6.2	---	---	---	21.2	20.2	20.7
Month	4.9	0.2	2.5	7.0	2.1	5.0	18.8	6.5	12.2	---	---	---

Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

**TEMPERATURE, WATER, DEGREES CELSIUS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	June			July			August			September		
1	22.5	20.2	21.3	28.0	25.2	26.6	28.0	25.5	26.6	25.7	23.0	24.3
2	22.9	20.8	21.9	27.9	25.4	26.7	27.4	25.9	26.7	25.8	23.0	24.4
3	23.3	21.1	22.1	27.9	25.1	26.6	27.0	24.8	25.9	26.3	23.6	24.9
4	22.2	21.0	21.7	27.0	25.5	26.1	27.2	24.8	26.0	26.8	24.5	25.6
5	21.7	20.2	21.0	25.8	24.7	25.3	27.5	24.9	26.3	27.2	25.2	26.2
6	22.5	20.7	21.4	25.4	24.4	24.9	27.7	25.7	26.7	26.3	24.1	25.5
7	24.7	21.6	23.0	26.2	24.5	25.2	27.6	25.4	26.5	25.1	23.1	24.1
8	26.6	23.8	25.1	27.9	24.5	26.1	26.5	24.8	25.7	25.4	23.3	24.3
9	28.4	25.3	26.8	---	---	---	26.4	23.9	25.1	24.4	23.4	23.7
10	29.6	26.6	28.1	27.4	25.4	26.4	25.4	23.1	24.1	24.0	22.2	23.1
11	28.9	27.0	28.0	28.3	25.1	26.7	23.8	21.9	22.8	23.1	21.7	22.5
12	28.3	26.6	27.4	28.5	25.9	27.1	24.3	21.7	23.0	22.0	21.4	21.7
13	28.1	26.1	27.1	28.7	26.0	27.3	24.8	22.1	23.4	23.1	21.0	22.0
14	28.4	25.9	27.1	27.7	26.2	27.0	25.5	23.2	24.2	24.6	22.3	23.4
15	28.1	26.5	27.2	28.5	25.4	26.8	25.3	23.4	24.3	25.1	23.2	24.1
16	27.4	25.8	26.5	29.0	25.8	27.3	25.8	23.2	24.4	24.0	22.1	22.8
17	26.1	24.4	25.4	29.1	26.3	27.6	25.8	23.2	24.5	22.5	20.7	21.6
18	24.6	23.1	23.8	29.5	26.6	28.1	26.2	23.5	24.8	22.7	20.4	21.5
19	24.0	21.9	22.9	30.3	27.2	28.7	26.2	24.0	25.1	21.7	20.0	20.8
20	24.2	21.9	23.1	30.5	28.0	29.2	25.5	22.8	24.1	21.2	18.9	20.1
21	25.3	22.3	23.8	30.3	28.1	29.2	25.7	22.6	24.1	21.8	19.1	20.5
22	25.8	23.4	24.5	30.2	28.0	29.1	26.0	23.3	24.6	21.9	20.1	21.1
23	25.4	23.7	24.4	29.2	27.2	28.1	26.2	23.5	24.7	21.5	20.0	20.8
24	25.5	23.2	24.5	27.9	25.9	26.8	26.5	24.1	25.1	20.9	19.2	20.1
25	26.0	23.2	24.6	26.6	25.3	25.8	26.2	24.5	25.3	20.3	18.6	19.1
26	25.7	24.2	24.9	25.5	23.3	24.0	25.7	23.2	24.5	18.7	18.0	18.3
27	26.8	24.0	25.4	23.5	22.7	23.1	24.7	22.8	23.8	19.4	18.7	19.0
28	27.7	25.2	26.4	24.8	22.6	23.6	23.9	22.3	23.1	19.9	19.1	19.5
29	27.8	25.6	26.8	25.8	23.8	24.7	24.2	22.5	23.4	19.7	18.9	19.3
30	27.5	25.4	26.5	26.0	24.8	25.4	25.3	23.3	24.2	19.7	18.5	19.1
31	---	---	---	26.7	25.6	26.1	25.7	23.2	24.4	---	---	---
Month	29.6	20.2	24.8	---	---	---	28.0	21.7	24.8	27.2	18.0	22.1

Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	
October				November				December				January	
1	---	---	---	18	9.3	13	6.0	3.3	4.2	6.3	4.5	5.2	
2	0.7	<0.5	<0.5	9.3	6.2	7.4	3.7	1.4	2.3	4.9	3.2	4.0	
3	---	---	---	9.9	4.6	5.5	1.4	1.0	1.2	5.0	3.2	3.6	
4	---	---	---	4.6	3.2	3.7	2.8	0.8	1.4	3.5	2.6	2.9	
5	---	---	---	8.7	1.9	2.9	2.3	0.8	1.1	3.1	2.1	2.6	
6	---	---	---	2.7	1.6	1.8	3.4	0.5	0.9	2.9	2.2	2.6	
7	---	---	---	3.3	1.3	2.0	1.3	<0.5	0.7	3.6	0.8	2.2	
8	---	---	---	2.6	1.2	1.5	2.2	<0.5	0.6	1.8	0.7	1.2	
9	---	---	---	1.7	1.1	1.3	0.5	<0.5	<0.5	2.2	1.3	1.7	
10	1.6	<0.5	0.8	1.3	0.9	1.0	1.6	<0.5	0.7	5.1	1.8	2.9	
11	5.7	0.8	1.8	1.3	0.8	0.9	2.4	0.8	1.1	10	5.0	7.7	
12	13	5.7	10	---	---	---	1.0	0.5	0.7	13	7.6	9.0	
13	19	12	15	0.8	0.5	0.6	1.6	<0.5	0.6	20	10	14	
14	22	12	16	0.9	0.5	0.7	4.4	0.5	2.6	21	8.7	13	
15	12	6.2	8.4	1.7	0.7	0.9	3.9	1.6	2.3	8.7	3.5	5.2	
16	6.6	3.6	4.4	19	1.7	6.2	8.1	1.5	3.5	3.6	1.7	2.4	
17	4.0	1.8	2.7	29	2.3	6.2	6.4	1.4	3.8	2.3	1.2	1.6	
18	2.8	1.1	1.8	29	17	22	1.4	0.8	1.1	10	1.1	2.0	
19	8.2	0.8	1.6	18	8.3	12	0.9	0.6	0.7	1.9	1.0	1.5	
20	2.9	1.2	1.9	8.7	3.4	5.8	0.7	<0.5	0.5	1.9	0.9	1.1	
21	4.2	2.3	3.0	4.0	2.6	3.0	0.6	<0.5	<0.5	1.4	0.6	0.8	
22	5.2	3.7	4.3	4.1	2.4	3.2	1.4	<0.5	<0.5	3.7	0.5	0.8	
23	5.2	3.9	4.5	3.9	2.5	3.2	1.2	<0.5	<0.5	0.9	<0.5	0.5	
24	5.3	2.5	3.7	3.1	1.5	2.4	52	1.2	28	0.6	<0.5	0.5	
25	3.9	2.7	3.2	2.2	1.2	1.5	51	9.0	25	1.7	<0.5	0.5	
26	5.2	2.7	3.4	2.6	0.8	1.3	---	---	---	0.5	<0.5	<0.5	
27	99	3.4	37	11	2.6	7.2	---	---	---	<0.5	<0.5	<0.5	
28	82	40	52	14	6.5	10	12	6.7	8.4	<0.5	<0.5	<0.5	
29	60	42	50	15	8.4	12	14	5.4	8.2	<0.5	<0.5	<0.5	
30	42	26	33	8.8	4.6	6.3	8.4	5.7	7.0	---	---	---	
31	26	18	22	---	---	---	7.8	4.9	6.2	0.8	<0.5	<0.5	
Month	---	---	---	---	---	---	---	---	---	---	---	---	

Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

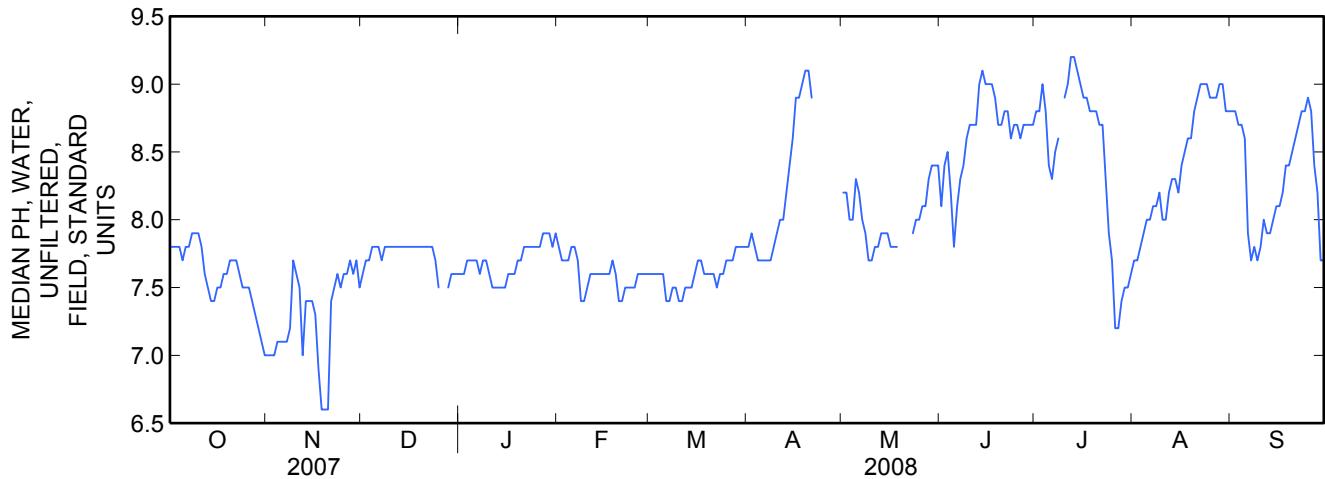
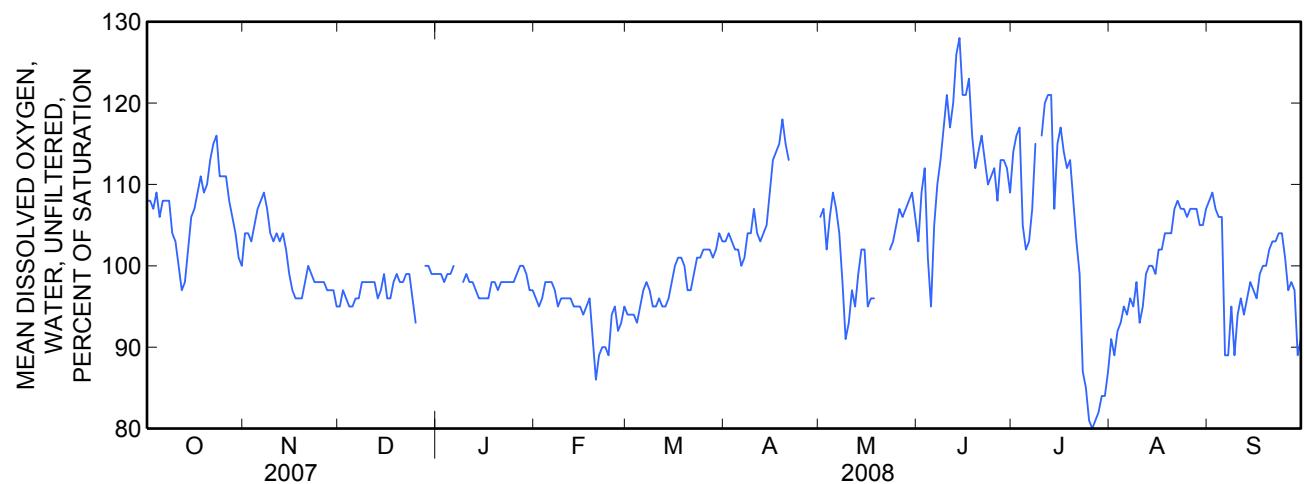
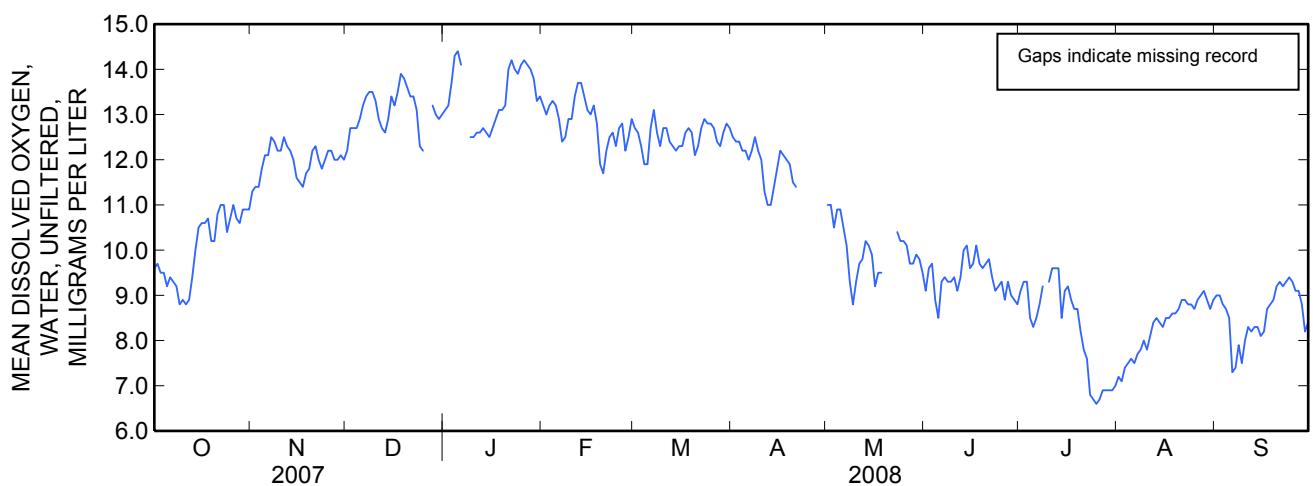
TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008

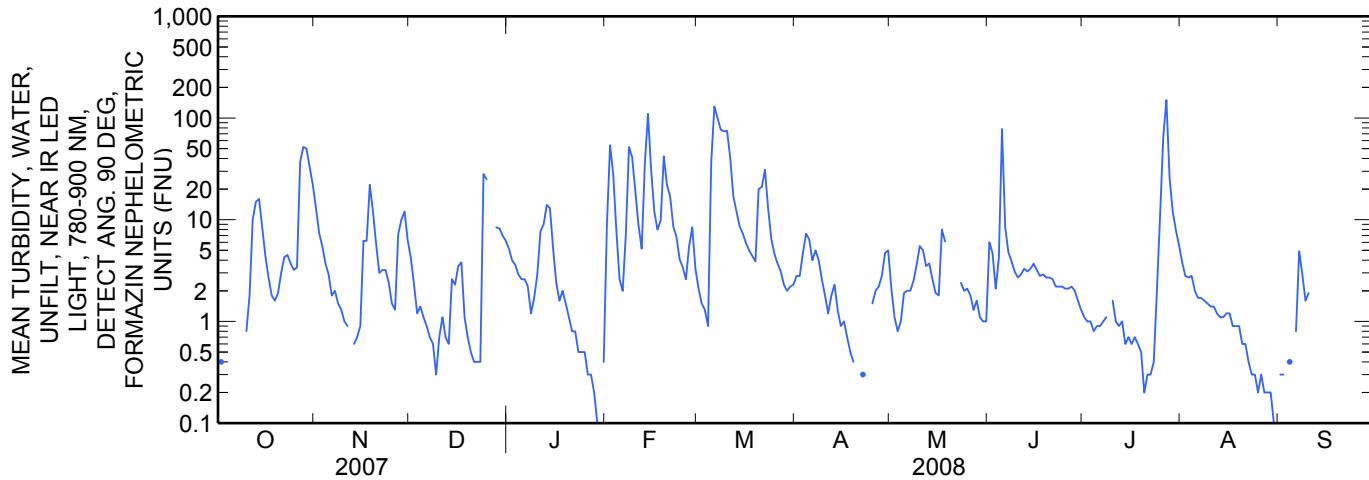
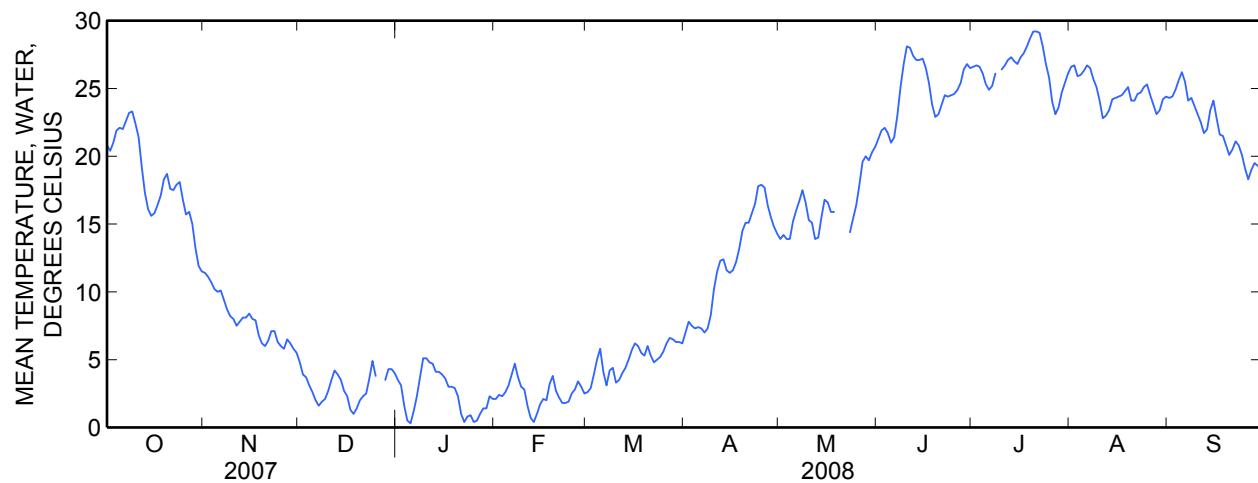
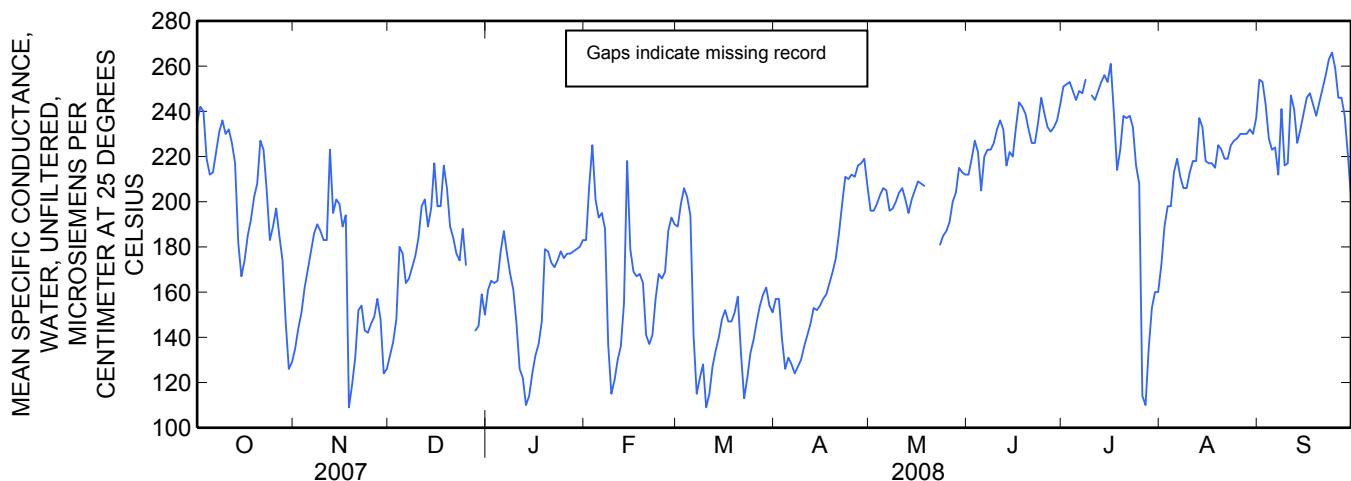
Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
	February				March				April			
1	140	<0.5	8.9	2.6	1.6	2.1	3.7	2.1	2.8	4.4	0.7	2.1
2	100	32	54	2.0	1.2	1.5	4.8	2.0	2.8	2.0	<0.5	1.1
3	36	17	28	3.7	0.9	1.3	7.8	2.9	4.7	1.7	<0.5	0.8
4	17	3.2	7.8	3.7	0.5	0.9	11	6.6	7.3	1.9	0.6	1.0
5	4.3	2.2	2.6	96	0.8	37	18	4.2	6.4	11	1.0	1.9
6	2.5	1.7	2.0	190	85	130	5.0	3.6	4.0	2.5	1.7	2.0
7	24	2.1	7.3	140	62	100	7.0	4.2	5.0	3.8	1.5	2.0
8	73	24	52	180	32	77	8.0	2.8	4.0	3.9	2.0	2.5
9	67	26	41	130	59	74	5.1	1.9	2.6	7.6	2.5	3.6
10	28	13	19	87	61	75	2.9	1.3	1.8	7.6	4.1	5.5
11	14	6.8	8.8	78	23	41	2.0	0.8	1.2	5.8	3.9	5.0
12	7.3	4.1	5.2	23	14	17	5.2	0.9	1.8	4.8	2.8	3.5
13	110	3.5	35	18	10	12	4.4	1.6	2.3	11	2.4	3.7
14	210	60	110	12	7.3	8.6	1.9	0.9	1.3	9.7	1.3	2.6
15	60	16	31	11	5.9	7.3	1.5	0.5	0.9	7.9	1.3	1.9
16	17	9.7	12	7.7	5.1	5.9	5.2	<0.5	1.0	6.1	0.8	1.8
17	11	5.9	8.0	5.8	4.3	5.0	4.1	<0.5	0.7	12	6.0	8.0
18	32	4.7	9.8	5.0	4.0	4.4	1.5	<0.5	0.5	12	5.1	6.1
19	64	27	42	5.1	3.3	3.9	1.1	<0.5	<0.5	---	---	---
20	32	19	22	44	4.1	20	---	---	---	---	---	---
21	29	10	17	38	13	21	---	---	---	---	---	---
22	11	6.6	8.6	42	21	31	0.7	<0.5	<0.5	---	---	---
23	12	4.1	6.8	21	8.0	13	---	---	---	2.9	2.0	2.4
24	5.0	3.4	4.1	13	4.8	6.5	---	---	---	3.1	1.6	2.0
25	5.7	2.8	3.4	5.8	3.6	4.6	2.8	1.2	1.5	5.6	1.5	2.1
26	3.2	2.3	2.6	4.8	3.1	3.7	3.3	1.5	2.0	4.4	1.1	1.8
27	8.9	2.4	5.5	3.8	2.5	3.1	2.5	1.9	2.2	2.6	0.8	1.3
28	11	5.1	8.4	3.1	1.9	2.3	3.4	2.4	2.8	2.3	1.0	1.6
29	5.1	2.4	3.3	2.5	1.7	2.0	8.8	2.8	4.7	1.5	0.9	1.1
30	---	---	---	3.5	1.8	2.2	9.6	2.7	5.0	1.7	0.7	1.0
31	---	---	---	4.8	1.9	2.3	---	---	---	1.9	0.8	1.0
Month	210	<0.5	20	190	0.5	23	---	---	---	---	---	---

Water-Data Report 2008

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued**TURBIDITY, WATER, UNFILT, NEAR IR LED LIGHT, 780-900 NM, DETECT ANG. 90 DEG, FORMAZIN NEPHELOMETRIC UNITS
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008**

Day	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean	Max	Min	Mean
			June			July			August			September
1	12	0.8	6.0	1.5	0.9	1.1	4.6	2.4	3.8	1.5	<0.5	<0.5
2	11	2.3	4.7	1.5	0.7	1.0	4.4	2.4	2.8	0.9	<0.5	<0.5
3	2.9	1.4	2.1	1.8	0.7	1.0	3.0	2.4	2.7	---	---	---
4	99	1.2	4.2	1.4	0.6	0.8	5.2	2.2	2.8	1.2	<0.5	<0.5
5	220	13	78	1.7	0.6	0.9	2.9	1.4	2.0	---	---	---
6	14	5.1	8.5	1.9	0.6	0.9	1.9	1.4	1.7	9.2	<0.5	0.8
7	5.9	4.2	4.8	2.3	0.6	1.0	2.1	1.2	1.7	9.2	2.2	4.9
8	6.0	3.1	3.9	3.3	0.7	1.1	2.1	1.4	1.6	7.7	2.1	2.9
9	5.3	2.4	3.1	---	---	---	2.0	1.2	1.5	2.5	1.1	1.6
10	3.2	2.2	2.7	11	0.7	1.6	1.7	1.1	1.4	2.6	1.6	1.9
11	4.1	2.0	2.9	2.6	0.6	1.0	2.0	1.2	1.4	---	---	---
12	3.8	2.7	3.3	3.4	0.5	0.9	1.5	0.8	1.2	---	---	---
13	3.8	2.6	3.1	3.8	<0.5	1.0	1.2	0.9	1.1	---	---	---
14	4.5	2.4	3.3	1.6	<0.5	0.6	1.8	0.8	1.1	---	---	---
15	5.6	2.4	3.7	1.7	<0.5	0.7	2.0	1.0	1.2	---	---	---
16	4.4	2.6	3.2	1.1	<0.5	0.6	3.5	0.7	1.2	---	---	---
17	4.1	2.1	2.8	1.8	<0.5	0.7	1.3	0.6	0.9	---	---	---
18	3.4	2.0	2.9	1.4	<0.5	0.6	1.4	<0.5	0.9	---	---	---
19	3.6	1.8	2.7	0.6	<0.5	0.5	5.1	<0.5	0.9	---	---	---
20	3.2	2.3	2.7	<0.5	<0.5	<0.5	0.8	<0.5	0.6	---	---	---
21	4.5	1.8	2.6	0.7	<0.5	<0.5	1.5	<0.5	0.6	---	---	---
22	2.7	2.0	2.2	0.7	<0.5	<0.5	0.8	<0.5	<0.5	---	---	---
23	4.1	1.7	2.2	1.0	<0.5	<0.5	0.5	<0.5	<0.5	---	---	---
24	3.7	1.7	2.2	2.9	1.0	2.0	0.8	<0.5	<0.5	---	---	---
25	3.6	1.8	2.1	30	2.6	11	<0.5	<0.5	<0.5	---	---	---
26	2.6	1.8	2.1	190	6.6	65	0.5	<0.5	<0.5	---	---	---
27	3.1	1.8	2.2	290	57	150	0.6	<0.5	<0.5	---	---	---
28	2.3	1.6	2.0	57	15	26	0.7	<0.5	<0.5	---	---	---
29	2.7	1.4	1.6	16	8.6	12	<0.5	<0.5	<0.5	---	---	---
30	1.7	0.9	1.3	9.9	5.9	7.9	<0.5	<0.5	<0.5	---	---	---
31	---	---	---	7.7	4.4	5.6	---	---	---	---	---	---
Month	220	0.8	5.6	---	---	---	---	---	---	---	---	---

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

01463500 DELAWARE RIVER AT TRENTON, NJ—Continued

